1-2-3. Spojeno.

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WELL W52P IP DECT Phone
User Guide

Version 1.0, April 2013

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Hereby, Yealink Network Technology CO., LTD. declares that this phone is in conformity with the essential requirements and other relevant provisions of the CE, FCC.

CE Mark Warning

This device is marked with the CE mark in compliance with EC Directives 1999/5/EC (R&TTE).

This device complies with the following standards:

1. Safety: EN 60950-1:2006+A11:2009+A1:2010+A12:2011
2. SAR: EN62479:2010
3. EMC: ETSI EN 301 489-1 V1.9.2 (2011-09) & ETSI EN 301 489-6 V1.3.1 (2008-08)
4. Radio: ETSI EN 301 406 V2.1.1 (2009-07)

Part 15 FCC Rules

This device is compliant with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Class B Digital Device or Peripheral

This equipment is tested and complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Privacy of communications may not be ensured when using this telephone. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experience radio/TV technician for help.

Note: Changes or modifications not expressly approved by Yealink Network Technology Co., Ltd could void the user's authority to operate the equipment.

ACTA Information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of the base station is a label that contains, among other information, a product identifier in the format US: T2LXXXXXXX.

Hearing Aid Compatibility (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC

RF exposure guidelines.

Information for DECT Product

This telephone is compliant with the DECT 6.0 standard which operates in the 1.92GHz to 1.93GHz frequency range. Installation of this equipment is subject to notification and coordination with UTAM. Any relocation of this equipment must be coordinated through and approved by UTAM. UTAM may be contacted at 1-800-429-8826.

WEEE Warning

To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

GNU GPL INFORMATION

W52P firmware contains third-party software under the GNU General Public License (GPL). Yealink uses software under the specific terms of the GPL. Please refer to the GPL for the exact terms and conditions of the license.

The original GPL license, source code of components licensed under GPL and used in Yealink products can be downloaded from Yealink web site: http://www.yealink.com/GPLOpenSource.aspx?BaseInfoCateId=293&NewsCateId=293&CateId=293.

About This Guide

The WELL W52P IP DECT phone is a full-featured mobile device, which can provide reliable and convenient wireless voice communications. In addition, it provides many widely accepted benefits of the DECT standard, including high security, scalability, and low power consumption to better meet your requirements.

This guide provides everything you need to quickly use your new phone. Be sure to verify with your system administrator that your network is prepared for configuring your IP DECT phone. As well, be sure to read the Packing List and Regulatory Notices sections in this guide before you set up and use your W52P IP DECT phone.

If this is your first time using the W52P IP DECT phone, we recommend that you first refer to the **Quick Installation Guide** and **Quick Reference Guide**.

In This Guide

The topics provided in this guide include:

- Chapter 1 Getting Started
- Chapter 2 Overview
- Chapter 3 Basic Operations
- Chapter 4 Phone Settings
- Chapter 5 Call Features

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Getting Started

This chapter provides basic installation instructions and information for obtaining the best performance with the W52P IP DECT phone. The topics include:

- Packaging Contents
- Connecting the W52P Base Station
- Setting up the W52P/W52H Handset
- Setting up the Charger Cradle
- Charging the Handset

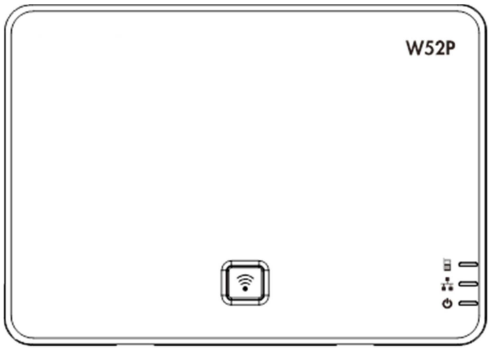
If you require additional information or assistance with your new phone, contact your system administrator.

Packaging Contents

The following components are included in your W52P/W52H IP DECT phone package:

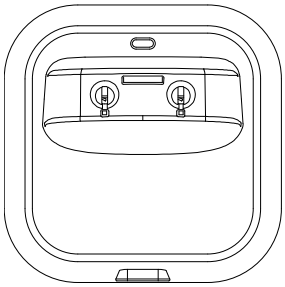
W52P Package	W52H Package
• 1 base station • 1 handset • 1 charge cradle • 2 power adapters • 2 rechargeable batteries • 1 Ethernet cable • 1 belt clip • 1 Quick Installation Guide and Quick Reference Guide • 1 CD ROM	• 1 handset • 1 charge cradle • 1 power adapter • 2 rechargeable batteries • 1 belt clip

- **W52P Base Station**

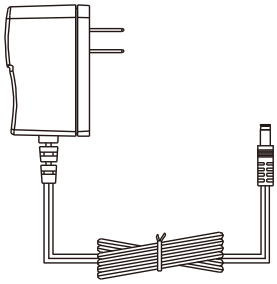


- **W52P/W52H Handset**

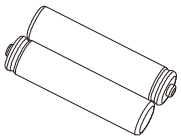
- **Charger Cradle**



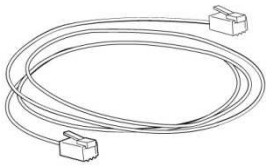
- **Power Adapter**



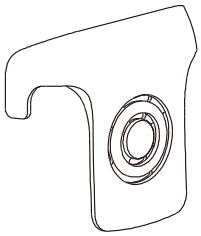
- **Two Rechargeable Batteries**



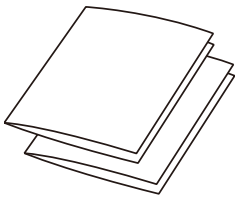
- **Ethernet Cable**



- **Belt Clip**



- **Quick Installation Guide & Quick Reference Guide**



- **CD-ROM**

Check the list before installation. If you find anything missing, contact your system administrator.

Connecting the W52P Base Station

You have two options for power and network connection of the base station. Your system administrator will advise you which one to use.

- AC power
- Power over Ethernet (PoE)

Note

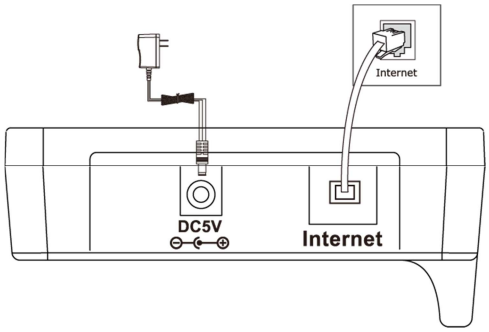
Please pay attention to the range of the base station. This is up to 300 m in unobstructed outdoor areas and up to 50 m inside buildings.

Set up the base station and the charger cradle at a central location on a flat, non-slip surface in your house or apartment.

AC Power

To connect the AC power:

1. Connect the DC plug on the power adapter to the DC5V port on the base station and connect the other end of the power adapter into an electrical power outlet.
2. Connect the supplied Ethernet cable between the Internet port on the base station and the Internet port in your network or the switch/hub device port.

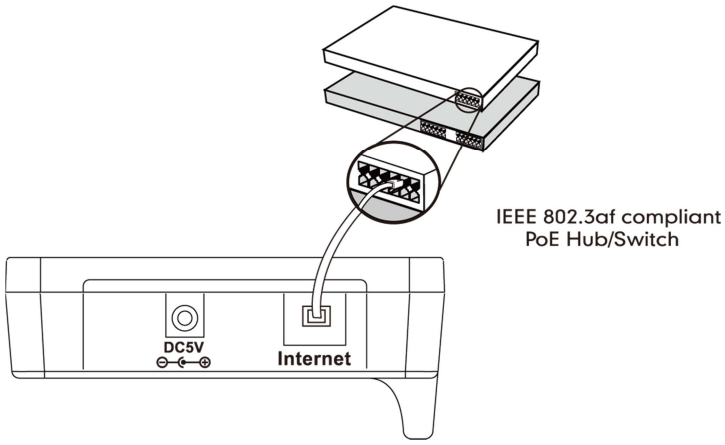


Power over Ethernet

Using a regular Ethernet cable, the base station can be powered from a PoE (IEEE 802.3af) compliant switch or hub.

To connect the PoE:

1. Connect the Ethernet cable between the Internet port on the base station and an available port on the in-line power switch/hub.



Note

If in-line power is provided, you do not need to connect the AC adapter. Make sure the Ethernet cable and switch/hub are PoE compliant.

Important! Do not unplug or remove the power and network to the base station while it is updating firmware and configurations.

Setting up the W52P/W52H Handset

To insert batteries into the handset:

1. Open the battery cover.
2. Insert the batteries in the correct polarity.
3. Close the battery cover.

Note

Do not short-circuit the batteries, as short-circuiting the terminals may damage the batteries or the handset.

Do not use damaged batteries, as using damaged batteries may cause an explosion.

Battery Information

Technology: Nickel Metal Hydride (NiMH)

Size: AAA

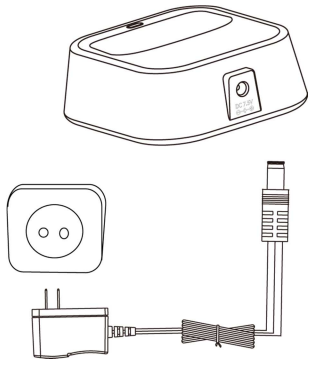
Voltage: 1.2V

Capacity: 800mAh

We strongly recommend you use the batteries complying with the above parameters. Because the compliant ones can guarantee the specified operating time, full functionality and long service life. The operating time of your handset depends on the capacity and age of the batteries and the way they are used.

Setting up the Charger Cradle

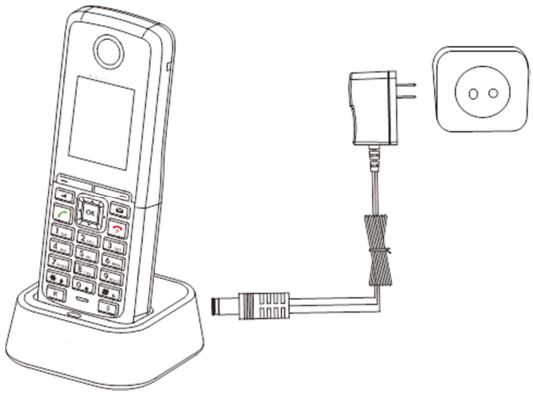
1. Connect the DC plug on the power adapter to the DC5V port on the charger cradle.
2. Connect the other end of the power adapter into an electrical power outlet.



Charging the Handset

To charge the handset:

1. After setting up the handset and charger cradle, place the handset in the charger cradle.



The original handset included in the W52P package is pre-registered to the base station. After charging, the handset is ready to use.

Battery Charging Status

The charging status of batteries displays on the top right-hand corner of the LCD screen:

Icon	Charge Status
	Fully Charged
	75% Charged
	50% Charged
	25% Charged
	10% Charged
	Almost Flat

Overview

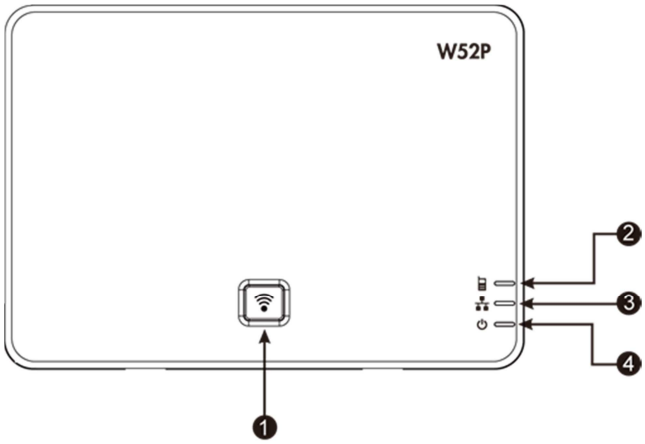
This chapter provides the overview of the W52P IP DECT phone. The topics include:

- Base Station Description
- Handset Description
- Displaying Information on LCD Screen
- Icon Instructions

If you require additional information or assistance with your new phone, contact your system administrator.

Base Station Description

After the base station starts up successfully and the handset is registered to the base station, all LEDs on the base station illuminate solid green.



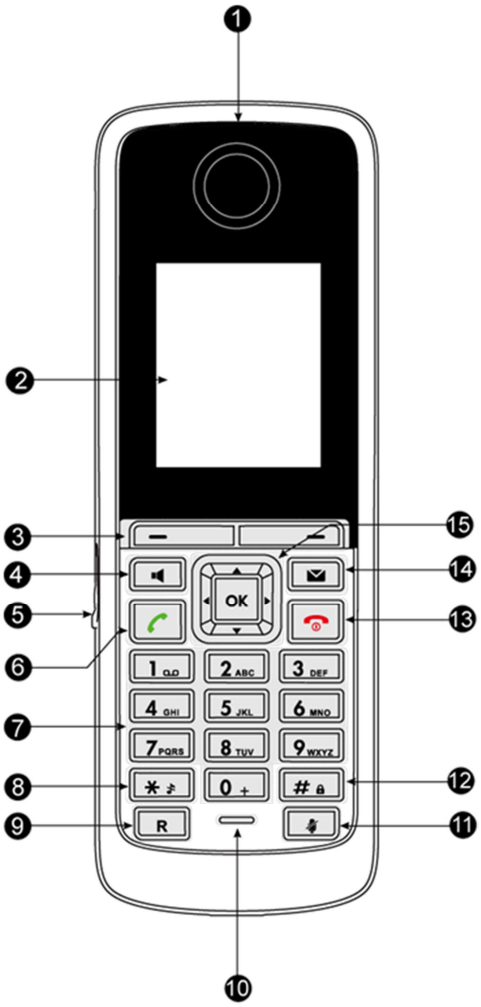
Hardware component instructions of the W52P base station are:

	Item	Description
	Paging Key	Locates a misplaced handset. Toggles the registration mode.
②	Registration LED	Indicates the mode of the base station. Fast flashes green when the base station is in the paging mode. Slow flashes green when the base station is in the registration mode. Illuminates solid green when there is any handset registered to the base station.

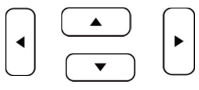
	Item	Description
③	Network Status LED	Indicates the network status. Slow flashes green when the network is unavailable. Illuminates solid green when the network is ready.
④	Power Indicator LED	Indicates the power status of the base station. Slow flashes green when the base station is during the firmware upgrading process. Slow flashes green when the base station is during the resetting process. Illuminates solid green when the base station is powered on.

Handset Description

The main hardware components of the W52P/W52H handset are the LCD screen and the keypad.



Hardware component instructions of the W52P/W52H handset are:

	Item	Description
①	Earpiece	Outputs audio during the earpiece call.
②	LCD Screen	Shows call information, handset status icons, prompt messages and so on.
③	Soft Keys	Label automatically to identity their context-sensitive features.
④	Speakerphone Key	Switches between the earpiece and speakerphone modes. Answers an incoming call.
⑤	Headset Connector	Connects a headset.
⑥	Off-hook Key	Answers an incoming call. Enters into the redial call list. Places a call.
⑦	Keypad	Provides the digits, letters, and special characters in context-sensitive applications.
⑧	Star Key	Enters the star symbol. Switches the silent mode on or off.
⑨	Redirect Key	Transfers a call to another party.
⑩	Microphone	Picks up audio during earpiece and hands-free calls.
⑪	Mute Key	Toggles the Mute feature on or off.
⑫	Pound Key	Enters the pound symbol. Locks or unlocks the handset keypad. Switches the input method.
⑬	On-hook Key/Power key	Long press to return to the idle screen in the menu mode. Long press to turn the handset on or off when the handset is idle. Cancels actions or end a call. Rejects an incoming call.
⑭	Message Key	Indicates the new receiving voice mail or missed call. Accesses the voice mail or missed call list. Indicates the handset is during the firmware upgrading process.
⑮		Scroll through the displaying information. Move the cursor. Adjust the ringer volume. Act as shortcut keys.
		Confirms actions or enter into the main menu.

Displaying Information on LCD Screen

The idle screen may be shown as below:

The LCD screen is divided into three parts: status line, text line and soft key line.

The information shown in the status line:

- On hook (idle) — displays signal strength indicator, internal handset number and battery status.
- Off hook — displays line ID.

The information shown in the text line:

- On hook (idle) — displays handset name, time and date, caller information when receiving an incoming call and prompt messages.
- Off hook — displays the dialed digits.

The information shown in the soft key line:

- On hook (idle) — displays **History** and **Line**.
- Off hook — displays various terms according to the context of the specific feature.

Signal Strength

The strength of the reception signal between the base station and the handset may display as:

Weak to strong:

No reception:

Battery Status

The status of the battery displays on the top right-hand corner of the LCD screen:

Icon	Battery Level
	Full
	High
	Medium
	Low
	Need Charging

Icon Instructions

Icons appear on the LCD screen are described in the following table:

Icon	Description
	Anonymous Call
	Anonymous Call Rejection
	Missed Call
	Voice Mail
	Keypad Lock
	Silent Mode
	Do Not Disturb
	Call Forward
	Call Hold
	Call Mute
	Unassigned Outgoing Line
	Unusable Line
	Loudspeaker On
	Headset Mode On

Basic Operations

This chapter provides you with the basic operating instructions of the W52P IP DECT phone. The topics include:

- Handset Registration
- Basic Network Settings
- Checking System Status
- Account Registration
- Checking Line Status
- Turning Handset On/Off
- Adjusting Ringer Volume
- Locking/Unlocking Keypad
- Locating a Handset
- Switching Silent Mode On/Off
- Menu Guidance

If you require additional information or assistance with your new phone, contact your system administrator.

Handset Registration

You can register up to 5 handsets to one W52P base station. Each handset can be registered to 4 base stations.

To register a handset manually:

1. Long press on the base station.
   The registration LED slow flashes, indicating the base station is in the registration mode.
2. Press OK on the handset to enter the main menu.
3. Select ->**Registration**->**Register Handset**.
   The LCD screen displays the base (1-4).
4. Press or to highlight the desired base, and press the **OK** soft key.
   The handset begins to search for base station.
5. Press the **OK** soft key when the LCD screen displays the ID of the base station.
6. Enter the system PIN (default: 0000).
7. Press the **Done** soft key.

The handset plays a warning tone and prompts the message "Handset Subscribed" on the LCD screen, which indicates the registration has finished.

After successful registration, the internal handset number and handset name appear on the LCD screen.

To de-register a handset:

1. Press OK to enter the main menu.
2. Select ->**Registration**->**De-reg. Handset**.
3. Enter the system PIN (default: 0000).
4. Press the **Done** soft key.

   The LCD screen displays the names of the handsets registered to the same base station. The name of the handset itself is highlighted and followed by a left arrow.
5. Press ▲ or ▼ to highlight the desired handset name, and press the **OK** soft key.

   The LCD screen prompts the message "De-register Handset".
6. Press the **Yes** soft key to de-register the handset or the **No** soft key to cancel.

To select the base station:

1. Press OK to enter the main menu.
2. Select ->**Registration**->**Select Base**.

   The LCD screen displays all base stations the handset registered to and the **Bestbase** option (if the handset is registered to more than one base stations). The radio box of the currently used base station is marked. You can select **Bestbase** to search for the base station with the best signal strength.
3. Press ▲ or ▼ to highlight the desired base station or the **Bestbase** option, and press the **Select** soft key.

   The handset begins to search for base station. After successful connection, the handset plays a warning tone and prompts the message "Base selected successfully!" on the LCD screen.

Basic Network Settings

By default, the base station attempts to contact a DHCP server in your network to obtain the valid network settings, e.g. IP address, subnet mask, gateway, DNS server.

If your base station cannot contact a DHCP server for any reason, you need to configure a static IP address manually.

To configure a static IP address manually.

1. Press OK to enter the main menu.
2. Select ->**System Settings**->**Network**.
3. Enter the system PIN (default: 0000).

4. Press the **Done** soft key.
5. Press [◂] or [▸] to select **Static** from the **IP Address Type** field.
6. Enter the valid values in the **IP Address**, **Subnet Mask**, **Default Gateway**, **Primary DNS** and **Secondary DNS** fields.
7. Press the **Save** soft key to accept the change.

If you are using an xDSL modem, you can connect your base station to the Internet via PPPoE mode. The PPPoE port will perform a PPP negotiation to obtain the IP address. Contact your system administrator for the PPPoE username and password.

To configure PPPoE:

1. Press [OK] to enter the main menu.
2. Select ->**System Settings**->**Network**.
3. Enter the system PIN (default: 0000).
4. Press the **Done** soft key.
5. Press [◂] or [▸] to select **PPPoE** from the **IP Address Type** field.
6. Enter the valid values in the **PPPoE User** and **PPPoE Password** fields.
7. Press the **Save** soft key to accept the change.

Note Using the wrong network parameters may result in inaccessibility of your phone and may also have an impact on your network performance. For more information about these parameters, contact your system administrator.

Checking System Status

You can view the system status on your handset. Available information of the system status includes:

- **General information**—including the IP address, MAC address, firmware version and RFPI code of the base station.
- **Network status**—including the IP type, subnet mask, gateway, primary DNS and secondary DNS.
- **Handset status**—including the device model, hardware version, firmware version, product ID, IPUI code and area of the handset.

To check the general information:

1. Press [OK] to enter the main menu.
2. Select ->**System Status**.
   The LCD screen displays the general information and the **More…** option.
3. Press [▲] or [▼] to scroll through the list and view the specific information.

To check the network status:

1. Press OK to enter the main menu.
2. Select ->**System Status**.

   The LCD screen displays the general information and the **More…** option.
3. Select **More …**->**Network**.

   The LCD screen displays the network status.
4. Press ▲ or ▼ to scroll through the list and view the specific information.

To check the handset status:

1. Press OK to enter the main menu.
2. Select ->**System Status**.

   The LCD screen displays the general information and the **More…** option.
3. Select **More…**->**Handset**.

   The LCD screen displays the handset status.
4. Press ▲ or ▼ to scroll through the list and view the specific information.

Account Registration

The base station supports up to 5 lines. You can register an account for each line via the web user interface. To log in the web user interface of the base station, you should obtain the IP address of the base station in advance. For more information on obtaining the IP address, refer to Checking System Status on page 15.

To register an account via web user interface:

1. Enter the IP address of the base station in the address bar of the browser and press the **Enter** key.
2. Enter the username (admin) and password (admin) in the corresponding fields of the pop-up dialogue box.
3. Click **Confirm** to log in.
4. Click on **Account**->**Basic**.
5. Select the desired account from the pull-down list of **Account**.
6. Select **Enabled** from the pull-down list of **Account Active**.
7. Enter the valid values in the **Label**, **Name**, **Register Name**, **User Name**, **Password** and **SIP Server** fields respectively.

   Contact your system administrator for the account information.
8. Click **Confirm** to accept the change.

Checking Line Status

You can register up to 5 lines to one base station. The status of each registered line can be checked using the menu of the handset.

To check the line status:

1. Press OK to enter the main menu.
2. Select ->**Line Status**.

   The LCD screen displays all lines registered to the base station with icons for indicating line status. For example, the icon in the bottom of a line indicates that the handset has no privilege to place a call using this line.

Turning Handset On/Off

To turn the handset on:

Do one of the following:

- Long press until the LCD screen lights up.
- Place the handset in the charger cradle.

  The handset will be turned on automatically.

To turn the handset off:

1. Long press again when the handset is idle to turn the handset off.

Adjusting Ringer Volume

You can adjust the ringer volume of your handset according to the noise level of the surrounding environment. The ringer volume can be adjusted using the menu or the predefined shortcut keys (left and right navigation keys) on the keypad when the handset is idle. The handset supports 5 different ringer volume levels. The default level is 3.

For more information on adjusting the ringer volume using the menu, refer to Ring Tones on page 23.

To adjust the ringer volume using the predefined shortcut keys:

1. Press or when the handset is idle.

   Press to decrease the ringer volume, or press to increase the ringer volume.
2. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Note If the ringer volume is adjusted to the minimum, the icon will appear on the idle screen.

Locking/Unlocking Keypad

You can lock the handset keypad to prevent keys from being accidentally pressed.

To lock the keypad:

1. Long press # when the handset is idle until the LCD screen prompts the message "Keypad Locked, Press and hold '#' to unlock!".

   The keypad is locked and the icon appears on the idle screen.

   You can still answer or reject incoming calls as usual. You can also end the answered call by pressing .

To unlock the keypad:

1. Long press # again until the LCD screen prompts the message "Keypad Unlocked".

   The keypad is unlocked and the icon disappears from the idle screen.

Note If the keypad is locked, only the emergency numbers can be dialed out. You must enter the digits of the emergency number continuously. To make emergency calls, you should configure the emergency numbers in advance. For more information, refer to Emergency Numbers on page 40.

Locating a Handset

You can locate a misplaced handset using the base station to which this handset is registered.

To locate a handset:

1. Press on the base station.

   All handsets registered to this base station will ring simultaneously (Paging) and display the IP address of the base station on the LCD screen.

   This helps you locate your handset easily.

   You can press any key on the handset or press again on the base station to end paging.

Switching Silent Mode On/Off

If the silent mode is switched on, the handset will not ring when receiving an incoming call, but you can still see the incoming call information on the LCD screen. You can switch the silent mode on if you do not want to be disturbed.

To switch the silent mode on:

1. Long press * until the LCD screen prompts the message "All Ring Tones Off".
   The silent mode is on. The icon appears on the idle screen.

To switch the silent mode off:

1. Long press * again until the LCD screen prompts the message "All Ring Tones On".
   The silent mode is off. The icon disappears from the idle screen.

Menu Guidance

The handset provides a variety of features that are grouped into menu. This section provides you with some basic guidance of accessing and navigating the menu.

Main Menu

The handset menu has a number of levels. The main menu is the top-level menu, which consists of six main menu features: Status, Intercom, Voice Mail, Call Features, Directory and Settings.

To enter the main menu:

1. Press OK when the handset is idle.
   The main menu features are shown on the LCD screen as a list of icons.

To access a main menu feature:

1. Press ▲, ▼, ◄ or ► to scroll through the main menu feature list.
   The name of the selected main menu feature displays on the top of the LCD screen.

2. Press OK or the **OK** soft key to enter the corresponding submenu.

Submenu

The submenu features display on the LCD screen and they are shown as a list. You can access the desired submenu feature by selecting the corresponding submenu.

To access a submenu feature:

1. Press or to highlight the desired submenu.
2. Press or the **OK** soft key to access the next menu level.

   You can cancel the current operation and return to the previous menu level by pressing or the **Back** soft key.

Returning to Idle Screen

To return to the idle screen:

1. Long press to quickly exit the menu and return to the idle screen.

If you do not press any key in a period of time, the LCD screen will automatically exit the menu and return to the idle status.

Note If you are navigating the menu, and an incoming call arrives, the LCD screen will automatically exit the menu and the call will be handled as usual. When the call is terminated, the LCD screen returns to the idle status.

Phone Settings

This chapter provides you with some instructions to change the settings of your phone. The topics include:

- Handset Name
- Language
- Ring Tones
- Advisory Tones
- Backlight
- Screen Saver
- Color Schemes
- Keypad Light
- Notification Light
- Date and Time
- Shortcuts
- Contact Management
- Call History Management
- Network Call Log
- Dial Plan
- Emergency Numbers
- Outgoing Lines
- Incoming Lines
- Speed Dial
- Auto Answer
- Auto Intercom
- Handset Reset
- Base Reset
- Auto Provision
- Eco Mode+
- Eco Mode

If you require additional information or assistance with your new phone, contact your system administrator.

Handset Name

The handset will be assigned a name by default if successfully registered to the base station. You can personalize the handset name.

To rename the handset:

1. Press OK to enter the main menu.
2. Select ->**Handset Name**.
3. Edit the current value in the **Rename** field.
4. Press the **Save** soft key to accept the change.

Language

The handset supports displaying text in different languages. The default language of the handset is English. You can change the language according to your requirement.

To change the language of the handset:

1. Press OK to enter the main menu.
2. Select ->**Language**.
3. Press ▲ or ▼ to highlight the desired language and press the **Select** soft key.
   The LCD screen prompts the warning "Change phone language to French (the language you select)?".
4. Press the **Yes** soft key to change the language or the **No** soft key to cancel.

Note The languages available for selection depend on the language packs currently loaded to the handset. Please contact your system administrator for more information on the available languages of your handset.

Ring Tones

Ring tones are used to indicate incoming calls. You can set different ring tones to distinguish the incoming lines from each other on your handset. You can also set a ring tone to distinguish an incoming intercom call. When receiving an incoming call, the handset rings the specified ring tone.

To configure the ring tones:

1. Press OK to enter the main menu.
2. Select ->**Audio**->**Ring Tones**->**Melodies**.
3. Press ▲ or ▼ to highlight the **Intercom Call** option or the desired line.
4. Press ◄ or ► to select and listen to the desired ring tone.
5. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

You can also enter the menu ->Audio->Ring Tones->Volume, press or to decrease/increase the ringer volume.

Advisory Tones

Advisory tones are acoustic signals of your handset, which inform you of different actions and states. The following advisory tones can be configured independently of each other:

- **Keypad Tone**: plays when a user presses any key of the keypad.
- **Confirmation**: plays when a user saves settings or places the handset in the charger cradle.
- **Low Battery**: plays when the capacity of the batteries is low and the handset requires charging.

To configure the advisory tones:

1. Press to enter the main menu.
2. Select ->**Audio**->**Advisory Tones**.
3. Press or to select the desired value from the **Keypad Tone** field.
4. Press or to select the desired value from the **Confirmation** field.
5. Press or to select the desired value from the **Low Battery** field.
6. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Backlight

The handset backlight status in the charging state or out of the charging state can be configured independently of each other. If enabled, the backlight is always on. Otherwise, the backlight is turned off after the handset is idle for a period of time. But the backlight is automatically turned on when an incoming call arrives, a key is pressed or the status of the handset changes. You can disable the backlight to save power.

To configure the backlight:

1. Press to enter the main menu.
2. Select ->**Display**->**Display Backlight**.
3. Press or to select the desired value from the **In Charger** field.
4. Press or to select the desired value from the **Out Of Charger** field.
5. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Screen Saver

You can enable the screen saver to protect the LCD screen if you do not use your handset for a long time. The screen saver of the handset is designed to protect your LCD screen by filling it with an analog clock. When the screen saver is enabled, an analog clock will be activated and displays on the LCD screen if no user activity is sensed for approximately 10 seconds.

To configure the screen saver:

1. Press OK to enter the main menu.
2. Select ->**Display**->**Screen Saver**.
3. Press the **Change** soft key to check or uncheck the **Screen Saver** checkbox.

Color Schemes

You can change the background of your handset by changing the color theme. There are 2 color themes available.

To change the color scheme:

1. Press OK to enter the main menu.
2. Select ->**Display**->**Color Schemes**.
3. Press ▲ or ▼ to highlight the desired color scheme and preview its effect.
4. Press the **Select** soft key to select the color scheme.

   The radio box of the selected color theme is marked. The color theme of the handset is changed accordingly.

Keypad Light

You can enable the keypad light to make the keypad light up when any key is pressed. This helps you distinguish the keys from each other in a dark environment.

To configure the keypad light:

1. Press OK to enter the main menu.
2. Select ->**Display**->**Keypad Light**.
3. Press the **Change** soft key to check or uncheck the **Keypad Light** checkbox.

Notification Light

The notification light is used to indicate voice mails and missed calls. When the handset receives a voice mail or misses a call, the message key LED flashes red. You can configure the notification light to indicate the voice mails or missed calls respectively.

To configure the notification light:

1. Press OK to enter the main menu.
2. Select -> **Display** -> **Notification Light**.
3. Press or to select the desired value from the **Voice Mail** field.

   If **Enabled** is selected, the message key LED flashes red when the handset receives a new voice mail.
4. Press or to select the desired value from the **Missed Call** field.

   If **Enabled** is selected, the message key LED flashes red when the handset receives a new missed call.
5. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Date and Time

The date and time display on the idle screen of your handset. By default, the handset obtains the date and time from the Simple Network Time Protocol (SNTP) server. If your handset cannot obtain the date and time from the SNTP server, you can configure the date and time manually.

You can also configure the time format and date format respectively. The handset supports two time formats (12 Hour or 24 Hour) and six date formats. The available date formats are listed in the following table:

Date Format	**Example**(2011-8-17)
d M,D	17 Aug,Wed
M d,D	Aug 17,Wed
D,d M	Wed,17 Aug
DD/MM/YYYY	17/08/2011
MM/DD/YYYY	08/17/2011
YYYY/MM/DD	2011/08/17

To configure the date and time manually:

1. Press OK to enter the main menu.
2. Select -> **Date & Time**.
3. Edit the current values in the **Date** and **Time** fields.
4. Press the **Save** soft key to accept the change.

   The date and time that display on the LCD screen will change accordingly.

To configure the time format:

1. Press OK to enter the main menu.
2. Select ->**Display**->**Time Format**.
3. Press ▲ or ▼ to highlight the desired time format, and press the **Change** soft key.

   The radio box of the selected time format is marked. The format of the display time on the LCD screen will be changed accordingly.

To configure the date format:

1. Press OK to enter the main menu.
2. Select ->**Display**->**Date Format**.
3. Press ▲ or ▼ to highlight the desired date format, and press the **Change** soft key.

   The radio box of the selected date format is marked. The format of the display date on the LCD screen will be changed accordingly.

Shortcuts

There are two types of shortcut keys on the handset: changeable and unchangeable shortcut keys. Each shortcut key is assigned a feature by default. For example, long press * to turn on/off the silent mode, long press # to lock/unlock the keypad, press ▼ to access the directory and so on.

The changeable shortcut keys are the two soft keys and four navigation keys. The available features that can be assigned to each key may be a little different.

You can assign the frequently used features to the changeable shortcut keys of your handset as shortcuts. This helps you get quick access to a feature by directly pressing the corresponding shortcut key when the handset is idle without having to scroll through the menu.

To configure a shortcut:

1. Press OK to enter the main menu.
2. Select ->**Shortcut**.

   The LCD screen displays the changeable shortcut keys and the features currently assigned to them.
3. Press ▼ or ▲ to highlight the desired shortcut key.
4. Press the **Change** soft key to access the available features.

   The feature currently assigned to the selected key is highlighted and followed by a left arrow.
5. Press ▲ or ▼ to highlight the desired feature.
6. Press the **OK** soft key to accept the change or the **Back** soft key to cancel.

Contact Management

This section provides the operating instructions for managing contacts. The topics include:

- Local Directory
- Blacklist
- Remote Phonebook
- Network Directory

Local Directory

You can store the frequently used contacts in the handset's local directory, where names and numbers can be freely added, deleted and edited. This allows you to make calls without having to dial the number manually. You can store up to 100 contacts, each with a name, a mobile number and an office number. You can also dial a contact from the local directory.

The directory entries are usually sorted in alphabetical order by the name attribute. Spaces and digits take first priority. The sort order is as follows:

1. Space
2. Digits (0-9)
3. Letters (alphabetical)

Other special characters are sorted completely in accordance with the ASCII sort order.

Using Alphanumeric Keys

You can edit the names and numbers of the contacts stored in the local directory using the keypad. The digit keys 0-1 are devoid of any letters. But the digit keys 2-9 are all alphanumeric keys containing one digit and three or four letters in alphabetical order. The following describes how to use the alphanumeric keys in detail.

To configure the input methods:

The handset provides you with 8 different input methods. You can disable the infrequently used input methods. Then you can only switch among the enabled input methods when editing.

1. Press OK to enter the main menu.
2. Select ->**Display**->**Input Method**.

   The LCD screen displays all available input methods.
3. Press ▲ or ▼ to highlight the desired input method.
4. Press the **Change** soft key to check or uncheck the checkbox.

To enter a character:

You can press the key which contains your desired character a certain number of times to enter the character.

To switch the input method:

1. Press #a.

   The current input method is indicated on the top right-hand corner of the LCD screen. For example, "ABC" represents the upper-case input method, "abc" represents the lower-case input method and "123" represents the digital input method.

To make a space:

1. Press 0 + when the input method is not "123".

To move the cursor:

1. Press ◂ or ▸ to move the cursor.

To delete a wrong input character:

1. Place the cursor behind the wrong input character.
2. Press the **Del** soft key to delete the character.

Adding Contacts

You can add contacts to your local directory manually or from the call history. You can also add contacts to your local directory from the remote phonebook or the network directory, for more information, refer to Remote Phonebook on page 33 and Network Directory on page 34.

To add a contact to the local directory manually:

1. Press OK to enter the main menu.
2. Select .
3. Press the **Options** soft key, and select **New Contact**.
4. Enter the desired values in the **Name**, **Office** and **Mobile** fields.
5. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

To add a contact to the local directory from the call history:

1. Press the **History** soft key when the handset is idle.
2. Press ▲ or ▼ to highlight the desired call history list, and press the **OK** key.
3. Press ▲ or ▼ to highlight the desired entry.
4. Press the **Options** soft key, and select **Add To Local**->**New Entry**.
5. Press ▲ or ▼ to set the number to be the office number or the mobile number of the new entry, and press the **OK** soft key.

6. Enter the name of the new entry.
7. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Note

When you are adding a contact, both the office number and the mobile number cannot be left blank at the same time. When the contact name is left blank, the handset sets the office number or the mobile number as the contact name.

If the information of the contact you want to add is totally same with that of an existing entry in the local directory, the screen will prompt "Contact save failed.".

Editing Contacts

To edit a contact in the local directory:

1. Press OK to enter the main menu.
2. Select .
3. Press ▲ or ▼ to highlight the desired entry.
4. Press the **Options** soft key, and select **Edit**.
5. Edit the values in the **Name**, **Office** and **Mobile** fields.
6. Press the **Save** soft key to accept the change.

Deleting Contacts

You can delete a contact or all contacts from the local directory.

To delete a contact:

1. Press OK to enter the main menu.
2. Select .
3. Press ▲ or ▼ to highlight the desired entry.
4. Press the **Options** soft key, and select **Delete**.

   The selected entry will be deleted successfully.

To delete all contacts:

1. Press OK to enter the main menu.
2. Select .
3. Press the **Options** soft key, and select **Delete All**.

   The LCD screen prompts the warning "Delete All?".
4. Press the **Yes** soft key to delete all contacts or the **No** soft key to cancel.

Searching for Contacts

You can search for the contacts by simply typing a few continuous characters of the desired contact name or number, and the results of potential matches are dynamically

filtered and display on the LCD screen.

To search for contacts in the local directory:

1. Press OK to enter the main menu.
2. Select .
3. Enter a few continuous characters of the desired contact name or number using the keypad.

   The contacts whose name or number matches the search will appear on the LCD screen after a timeout or when the **Search** soft key is pressed. You can dial a contact from the result list.

Placing a Call from Local Directory

To place a call from the local directory:

1. Press OK to enter the main menu.
2. Select .
3. Press ▲ or ▼ to highlight the desired entry.
4. Do one of the following:
   - If only one number of the contact is stored in the local directory, press to dial out the number.
   - If both the office number and the mobile number of the contact are stored in the local directory, press the **View** soft key to display the two numbers.

     Press ▲ or ▼ to highlight the desired number.

     Press to dial out.

Blacklist

You can store up to 30 numbers in the handset's blacklist. You can add, edit or delete numbers in the blacklist. You can also dial a call from the blacklist, but an incoming call from a number in the blacklist will be rejected automatically.

To add an entry to the blacklist manually:

1. Press OK to enter the main menu.
2. Press ->**Telephony**->**Caller Blacklist**.
3. Press the **Options** soft key, and select **New Entry**.
4. Enter the desired number in the **Phone Number** field.
5. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

You can also add an entry to the blacklist from the call history. For more information, refer to Call History Management on page 35.

To delete an entry from the blacklist:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Caller Blacklist**.
3. Press ▲ or ▼ to highlight the desired entry.
4. Press the **Options** soft key, and select **Delete**.

   The selected entry will be deleted successfully.

To delete all entries from the blacklist:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Caller Blacklist**.
3. Press the **Options** soft key, and select **Delete All**.

   The LCD screen prompts the warning "Delete All?".
4. Press the **Yes** soft key to delete all entries or the **No** soft key to cancel.

To place a call from the blacklist:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Caller Blacklist**.
3. Press ▲ or ▼ to highlight the desired entry.
4. Press to dial out.

Remote Phonebook

You can access your corporate directory on your handset. You can add local contacts from the corporate directory. You can also dial a contact from the corporate directory. Contact your system administrator for the access URL of the corporate directory.

To configure access URL for the corporate directory via web user interface:

1. Click on **Contacts**->**Remote Phone Book**.
2. Enter the name in the **Name** field.
3. Enter the access URL in the **Phone Book URL** field.
4. Click **Confirm** to accept the change.

To access your corporate directory:

1. Press OK to enter the main menu.
2. Select .
3. Press ▲ or ▼ to highlight the name of your corporate directory, and press the **Enter** soft key.

   The handset connects to load the corporate directory, and then displays the corporate contact list on the LCD screen.

To place a call from the corporate directory:

1. Press OK to enter the main menu.
2. Select .
3. Press ▲ or ▼ to highlight the name of your corporate directory, and press the **Enter** soft key.
4. Select the desired contact from the corporate directory.
5. Do one of the following:
   - If only one number of the contact is stored in the local directory, press to dial out the number.
   - If both the office number and the mobile number of the contact are stored in the local directory, press the **View** soft key to display the two numbers.

     Press ▲ or ▼ to highlight the desired number.

     Press to dial out.

To add a contact to the local directory from the corporate directory:

1. Press OK to enter the main menu.
2. Select .
3. Press ▲ or ▼ to highlight the name of your corporate directory, and press the **Enter** soft key.
4. Select the desired contact from the corporate directory.
5. Press the **Options** soft key, and select **Add to Local**->**New Entry**.
6. Press the **Save** soft key to add the contact to the local directory.

Network Directory

You can access the network directory on your handset. You can add local contacts from the network directory. You can also dial a contact from the network directory.

Contact your system administrator for the XSI server address, XSI username and XSI password for accessing the network directory.

To configure the network directory via web user interface:

1. Click on **Contacts**->**Network Directories**.
2. Enter the valid values in the **XSI Server**, **XSI Username** and **XSI Password** fields.
3. Select the desired values from the pull-down lists of **Group**, **GroupCommon**, **Enterprise** and **EnterpriseCommon**.
4. Click **Confirm** to accept the change.

To access the network directory:

1. Press OK to enter the main menu.
2. Select ->**Network Dir**.
3. Press ▲ or ▼ to highlight the desired group, and press the **Enter** soft key.

The handset connects to load the network directory, and then displays the desired network contact list on the LCD screen.

To place a call from the network directory:

1. Press OK to enter the main menu.
2. Select -> **Network Dir**.
3. Press or to highlight the desired group, and press the **Enter** soft key.

   The LCD screen displays the desired network contact list.
4. Press or to highlight the desired entry.
6. Do one of the following:
   - If only one number of the contact is stored in the network directory, press to dial out the number.
   - If multiple numbers of the contact are stored in the network directory, press the **View** soft key to display all the numbers.

     Press or to highlight the desired number.

     Press to dial out.

To add a contact to the local directory from the network directory:

1. Press OK to enter the main menu.
2. Select -> **Network Dir**.
3. Press or to highlight the desired group, and press the **Enter** soft key.

   The LCD screen displays the desired network contact list.
4. Press or to highlight the desired entry.
5. Press the **Options** soft key, and select **Add to Local**->**New Entry**.
6. Press the **Save** soft key to add the contact to the local directory.

Call History Management

The call history contains call information such as calling/called party identification, time and date, and call duration. The handset maintains call history lists of All Calls, Outgoing Calls, Missed Calls and Accepted Calls. Each call history list can store a list of entries sorted by date and time of the call, starting with the latest call entry. You can check the detail information of an entry in the call history. You can also dial a call, add an entry to the blacklist or delete entries from the call history.

To check the local call history:

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.
2. Press or to highlight the desired list, and press the **OK** soft key.

The LCD screen displays all entries of the selected list.

3. Press ▲ or ▼ to highlight the desired entry, and press the **View** soft key.

   The LCD screen displays the detail information of the entry.

To add an entry to the blacklist from the call history:

You can block phone calls from a number by adding this number to the blacklist. For more information on blacklist, refer to Blacklist on page 32.

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

2. Press ▲ or ▼ to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

3. Press ▲ or ▼ to highlight the desired entry.

4. Press the **Options** soft key, and select **Add To Blacklist**.

   The LCD screen prompts the warning "Are you sure?".

5. Press the **Yes** soft key to add the selected entry to the blacklist or the **No** soft key to cancel.

To delete an entry from the call history:

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

2. Press ▲ or ▼ to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

3. Press ▲ or ▼ to highlight the desired entry.

4. Press the **Options** soft key, and select **Delete**.

   The selected entry is deleted successfully.

To delete all entries of a list from the call history:

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

2. Press ▲ or ▼ to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

3. Press the **Options** soft key, and select **Delete All**.

   The LCD screen prompts the warning "Delete All?".

4. Press the **Yes** soft key to delete all entries of the selected list or the **No** soft key to cancel.

To place a call from the call history:

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

2. Press or to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

3. Press or to highlight the desired entry.

4. Press .

Network Call Log

You can access the network call log on the handset. The network call log contains call information such as calling/called party identification, time and date. You can check the call log and dial a call from the call log list. The network call log allows users to view and dial the stored numbers in the following lists: All Calls, Outgoing Calls, Missed Calls and Accepted Calls.

To manage the entries of the network call log, you should enable the network call log feature in advance.

To enable the network call log feature via web user interface:

1. Click on **Contacts**->**Network Directories**.

2. Select **Enabled** from the pull-down list of **Network CallLog**.

   The LCD screen displays the network call log lists when you press the **History** soft key.

   If **Disabled** is selected, the LCD screen displays the local call history lists when you press the **History** soft key.

3. Click **Confirm** to accept the change.

To check the network call log:

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 network call log lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

2. Press or to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

3. Press or to highlight the desired entry, and press the **View** soft key.

   The LCD screen displays the detail information of the entry.

To place a call from the network call log:

1. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 network call log lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

2. Press or to highlight the desired list, and press the **OK** soft key.

The LCD screen displays all entries of the selected list.

3. Press or to highlight the desired entry.
4. Press .

Dial Plan

Dial plan is a string of characters that governs the way your handset processes the inputs received from your handset keypad. The handset supports the following dial plan features:

- Replace Rule
- Area Code
- Block Out

The basic expression syntax you need to know:

.	The dot "." can be used as a placeholder or multiple placeholders for any character. Example: "12." would match "12**3**", "12**34**", "12**345**", "12**abc**", etc.
x	An "x" can be used as a placeholder for any character. Example: "12x" would match "12**1**", "12**2**", "12**3**", "12**a**", etc.
[]	The square brackets "[]"can be used as a placeholder for a single character which matches any of a set of characters. Example: "91[5-7]1234" would match "91**5**1234", "91**6**1234", "91**7**1234", etc.
()	The parentheses "( )"can be used to group together patterns, for instance, to logically combine two or more patterns. Example: "91([5-7])1(x)" would match "91**5**1**1**", "91**6**1**8**", "91**7**1**5**", etc.
$	The "$" should be followed by the sequence number of a parenthesis. The "$" plus the sequence number means the whole character or characters placed in the parenthesis. The number directs to the right parenthesis when there are more than one. Example: A replace rule configuration: Number: "9([5-7]) (.)", Replace: "5$2". When you enter "96123" to dial out on your phone, the number will be replaced as "5123" and then dialed out. "$2" means the characters in the second parenthesis, that is, "123".

Note

When adding a dial plan rule, you can specify the accounts to apply the dial plan rule in the **Account** field. The valid value of the "Account" parameter can be one or more digits among 1, 2, 3, 4 and 5, each of which represents a line ID. Each digit must be separated by a comma. For example, when you enter the value "1, 2" in the **Account** field, this dial plan rule will apply to account1 and account2.

If you leave the **Account** field blank or enter an invalid value, then the dial plan rule will apply to all accounts.

Replace Rule

You can configure one or more replace rules to remove the specified string and replace it with another string. You can configure a pattern with wildcards (refer to the expression syntax in the table above), so that any string that matches the pattern will be replaced. This feature is convenient for you to dial out a long number. For example, a replace rule is configured as "Number: 1" and "Replace: 1234567", when you want to dial out the number "1234567", you just need to enter "1".

To add a replace rule via web user interface:

1. Click on **Phone**->**Dial Plan**->**Replace Rule**.
2. Enter the string (e.g. 2xx) in the **Number** field.
3. Enter the string (e.g. 12345) in the **Replace** field.
4. Enter the desired line ID in the **Account** field or leave it blank.
5. Click **Add** to add the replace rule.

   When you enter the number "234" using the keypad and then dial out, the handset will dial out "12345" instead.

To edit a replace rule via web user interface:

1. Click on **Phone**->**Dial Plan**->**Replace Rule**.
2. Select the desired replace rule by checking the check box.
3. Edit the values in the **Number** and **Replace** fields.
4. Enter the desired line ID in the **Account** field or leave it blank.
5. Click **Edit** to accept the change.

To delete one or more replace rules via web user interface:

1. Click on **Phone**->**Dial Plan**->**Replace Rule**.
2. Select the one or more replace rules by checking the check box(es).
3. Click **Delete** to delete the replace rule(s).

Area Code

Area codes are also known as Numbering Plan Areas (NPAs). They usually indicate geographical areas in a country. This feature is necessary only when dialing the number outside the code area. For example, area code is configured as "Code: 011, Minimum Length: 4, Maximum Length: 11", then when you dial out the number "56789", which has digits between 4 and 11, the phone will add the area code and dial out the number "01156789".

To configure the area code via web user interface:

1. Click on **Phone**->**Dial Plan**->**Area Code**.
2. Enter the desired values in the **Code**, **Minimum Length (1-15)** and **Maximum Length (1-15)** fields.
3. Enter the desired line ID in the **Account** field or leave it blank.
4. Click **Confirm** to accept the change.

Note The default values of minimum and maximum length are 1 and 15 respectively.

Block Out

You can block the dialing of specific numbers. When you dial a block out number on the handset, the dialing will fail and the LCD screen will prompt "Num Block".

To add a block out number via web user interface:

1. Click on **Phone**->**Dial Plan**->**Block Out**.
2. Enter the desired value in the **BlockOut Number** field.
3. Enter the desired line ID in the **Account** field or leave it blank.
4. Click **Confirm** to add the block out number.

Emergency Numbers

Public telephone networks in countries around the world have a single emergency telephone number (emergency services number), that allows a caller to contact local emergency services for assistance when required. The emergency telephone number may differ from country to country. It is typically a three-digit number so that it can be easily remembered and dialed quickly. Some countries have different emergency numbers for different emergency services.

You can specify the emergency numbers for contacting the emergency services in an emergency situation.

Note Contact your local phone service provider for available emergency numbers in your area.

To specify emergency numbers via web user interface:

1. Click on **Phone**->**Features**.
2. Enter the emergency services number in the **Emergency Numbers** field.

   For multiple numbers, enter a comma between each emergency number.
3. Click **Confirm** to accept the change.

Outgoing Lines

After the handset is registered to the base station, you can assign one or more outgoing lines for the handset. The handset can only use the assigned outgoing line(s) to place calls. When multiple outgoing lines are assigned to the handset, the handset uses the first line as the outgoing line by default. You can change the default outgoing line of the handset.

To change the default outgoing line of the handset:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Default Line**.

   The LCD screen displays all outgoing lines currently assigned to the handset. The default outgoing line is highlighted and followed by a left arrow.
3. Press or to highlight the desired line, and press the **OK** soft key.

   The default outgoing line is changed successfully.

Incoming Lines

After the handset is registered to the base station, you can assign one or more incoming lines for the handset. The handset can only receive incoming calls to the assigned incoming line(s). You can assign incoming lines to all handsets registered to the same base station on your handset.

To assign the incoming line to the handsets:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Incoming Lines**.
3. Enter the system PIN (default: 0000).
4. Press the **Done** soft key.

   The LCD screen displays all handsets registered to the base station. The handset itself is highlighted and followed by a left arrow.
5. Press or to highlight the desired handset, and press the **OK** soft key.
6. Press or to select **Accept** from the desired line fields.
7. Press the **Save** soft key to accept the change.
8. Press the **Back** soft key to return to the previous interface.
9. Repeat the step 5-7 to assign incoming lines for other handsets.

   If a line is assigned to multiple handsets as an incoming line, an incoming call to this line will cause these handsets to ring simultaneously, but the incoming call can be answered only by one of them.

Speed Dial

Speed dial allows you to perform single-digit dialing to predefined numbers. This feature is particular useful to users who dial certain numbers on regular basis. A maximum of 8 speed dial numbers are allowed.

Assigning a Speed Dial Number

You can assign the important numbers of your directory (including local directory, remote phonebook and network directory) to the speed dial keys of your handset. This helps you dial a contact quickly and easily by long pressing the speed dial key without having to enter the directory. The available speed dial keys are the digit keys 2-9.

To assign a speed dial number from the directory:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Speed Dial**.

   The LCD screen displays all available speed dial keys.
3. Press ▲ or ▼ to highlight the desired speed dial key, and press the **Assign** soft key.
4. Press ▲ or ▼ to highlight the desired directory.
5. Select the desired contact from the directory.
6. Do one of the following:
   - If only one number of the contact is stored in the selected directory, press the **OK** soft key to assign the number to the selected speed dial key.
   - If both the office number and the mobile number of the contact are stored in the selected directory, press the **OK** soft key to display the two numbers.

     Press ▲ or ▼ to highlight the desired number.

     Press the **OK** soft key again to assign the number to the selected speed dial key.

Deleting a Speed Dial Number

To delete a speed dial number:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Speed Dial**.

   The LCD screen displays all available speed dial keys.
3. Press ▲ or ▼ to highlight the desired speed dial key, which is already assigned a number.
4. Press ◄ or the **Clear Key** soft key to delete the speed dial number.

Placing a Call Using Speed Dial Key

To place a call using the speed dial key:

1. Long press the speed dial key (digit key) when the handset is idle.

   The number assigned to this speed dial key is dialed out.

Auto Answer

When the auto answer feature is enabled, you can simply answer the incoming calls by lifting the handset from the charger cradle without having to press the off-hook key. The auto answer feature works only if the handset is placed in the charger cradle.

To configure the auto answer feature:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Auto Answer**.
3. Press the **Change** soft key to check or uncheck the **Auto Answer** checkbox.

Auto Intercom

Intercom calls are internal calls made between handsets registered to the same base station. You can enable the auto intercom feature on the handset to automatically answer an incoming intercom call. The following three configuration types of the auto intercom feature are available for selection:

- **On (Beep On)**: The auto intercom feature is on. The handset will answer an incoming intercom call automatically after playing a warning tone.
- **On (Beep Off)**: The auto intercom feature is on. The handset will answer an incoming intercom call automatically without playing any tone.
- **Off**: The auto intercom feature is off. You need to answer an incoming intercom call by pressing the **Accept** soft key.

To configure the auto intercom feature:

1. Press OK to enter the main menu.
2. Select ->**Telephony**->**Auto Intercom**.

   The LCD screen displays three configuration types for selection.
3. Press ▲ or ▼ to highlight the desired configuration type, and press the **Change** soft key.

   The radio box of the selected configuration type is marked.

Handset Reset

You can reset any individual settings that you have made on the handset. Resetting your handset will not affect the entries of the directory, the call history, the voice mail and the handset's registration to the base station. But you need to note that other customized settings on the handset will be reset to factory settings after resetting. We recommend that you ask your system administrator for advice before resetting your handset.

To reset the handset:

1. Press OK to enter the main menu.
2. Select ->**System Settings**->**Handset Reset**.

   The LCD screen prompts the warning "Reset handset to default?".
3. Press the **Yes** soft key to reset the handset or the **No** soft key to cancel.

Base Reset

You can reset the base station to factory settings. This will clear all individual settings of the base station, entries of the directory and active SIP registrations. All registered handsets are de-registered. You need to re-register your handset to use. We recommend that you ask your system administrator for advice before resetting your base station.

To reset the handset:

1. Press OK to enter the main menu.
2. Select ->**System Settings**->**Base Reset**.
3. Enter the system PIN (default: 0000).
4. Press the **Done** soft key.

   The base station is reset to factory settings successfully. The power indicator LED on the base station slow flashes when the base station is during the resetting process.

Auto Provision

You can trigger the auto provisioning process using the VoIP wizard. After you enter the username and password in the wizard and confirm to perform an update, the base station tries to connect to the RPS server. If the base station successfully connects to the RPS server, the RPS server responds the base station with the URL for downloading the configuration files. Then the base station tries to perform the auto provisioning process. Contact your system administrator for more information on the username and password for connecting to the RPS server.

To trigger the auto provisioning:

1. Press OK to enter the main menu.
2. Select ->System Settings->Auto Provision.
3. Enter the system PIN (default: 0000) and press the **Done** soft key.
4. Enter the valid value in the **Username** field and press the **OK** soft key.
5. Enter the valid value in the **Password** field and press the **OK** soft key.

   The LCD screen prompts the warning "Update now?".
6. Press the **Yes** soft key to perform an update or press the **No** soft key to cancel.

Eco Mode+

Eco mode+ turns off the transmission power and the radio waves emitted are virtually zero when the phone is in the standby mode. If the eco mode+ is enabled, the base station only transmits a signal when necessary, for example, when a call comes in, when the phone is in use, or when a connection occurs.

To configure the eco mode+:

1. Press OK to enter the main menu.
2. Select ->System Settings->Eco Mode+.
3. Press the **Change** soft key to check or uncheck the **Eco Mode+** checkbox.
4. Enter the system PIN (default: 0000) and press the **Done** soft key.

   The LCD screen prompts the warning "Are you sure you want to reboot the base station?".
5. Press the **Yes** soft key to reboot the handset.

   The base station reboots to make the configuration take effect. The configuration applies to all the handsets registered to the same base station.

Eco Mode

Eco mode greatly reduces the transmission power and signal output no matter the phone is in standby mode or talk mode.

Eco mode is disabled by default and the color of the signal strength indicator shown on the top left-hand corner of the idle screen is white.

To configure the eco mode:

1. Press OK to enter the main menu.
2. Select ->System Settings->Eco Mode.
3. Press the **Change** soft key to check or uncheck the **Eco Mode** checkbox.

If the **Eco Mode** checkbox is checked, the eco mode is enabled. The color of the signal strength indicator on the idle screen will change to green.

Note If the eco mode is enabled, the range of the base station will be reduced.

Call Features

The W52P IP DECT phone is designed to be easily used like a regular phone on a public switched telephone network (PSTN). You can place internal and external calls, answer calls, transfer a call to someone else, or conduct a conference call.

This chapter provides operating instructions of the call features. The topics include:

- Placing Calls
- Answering Calls
- Ending Calls
- Redialing Calls
- Call Mute
- Call Hold/Resume
- Call Waiting
- Do Not Disturb (DND)
- Call Forward
- Call Transfer
- Conference Call
- Anonymous Call
- Anonymous Call Rejection
- Voice Mail

If you require additional information or assistance with your new phone, contact your system administrator.

Placing Calls

You can use your handset to place an internal or external call. You can place a call using the following call modes:

- **Earpiece mode**—pressing the off-hook key to dial out.
- **Speakerphone mode**—pressing the speakerphone key to dial out.
- **Headset mode**—connecting a headset.

During the call, you can switch the call mode by pressing the corresponding keys or connecting a headset.

You can cancel the dialing operation by pressing the on-hook key. During the call

conversation, you can press the left and right navigation keys to adjust the volume of the currently used audio devices (earpiece, headset or loudspeaker). The call duration displays on the LCD screen while the call is in progress.

Placing Internal Calls

You can make free internal calls between the handsets registered to the same base station. You can place an internal call to one handset or all handsets registered to the same base station.

To place an internal call to one handset:

1. Press OK to enter the main menu.
2. Select .
   The LCD screen displays all other registered handset names and the **All HS** option.
3. Press ▲ or ▼ to highlight the desired handset name.
4. Press , , OK or the **OK** soft key to dial out.

To place an internal call to all handsets:

1. Press OK to enter the main menu.
2. Select .
   The LCD screen displays all registered handset names and the **All HS** option.
3. Select **All HS**.
4. Press , , OK or the **OK** soft key to dial out.
   All other handsets registered to this base station will ring simultaneously.

Placing External Calls

You can place external calls on the handset. External calls based on the public telephone network require the use of SIP lines. Your system administrator will assign the SIP line to the handset beforehand, so that after you register the handset to the base station, the handset is ready to use.

To place an external call:

1. Enter the desired number using the keypad.
2. Press , or OK to dial out.
   If there are multiple lines assigned to your handset as outgoing lines, press the **Line** soft key to select the desired line and then press OK or the **Dial** soft key to dial out.
   If you do not select a line, the handset uses the default outgoing line to dial out.

To place a new call during an active call:

You can have at most two calls on your handset.

1. Press the **Ext.Call** soft key.

   The active call is placed on hold.

2. Enter the desired number in the **Call To** field using the keypad.
3. Press or OK to dial out.

Note You can also make an IP call by directly dialing the IP address of any IP phone. For example, IP: 192.168.1.15.

Answering Calls

You can answer a call in three ways:

- Using the earpiece
- Using the speakerphone
- Using the headset

Note You can ignore an incoming call by pressing the **Silence** soft key or reject an incoming call by pressing the on-hook key.

You can also activate Do Not Disturb mode on a per-line basis to reject all incoming calls of the specified line.

Answering When Not in Another Call

In all cases, the active call will appear on the LCD screen showing call duration and destination.

To answer a call using the earpiece:

1. Press or the **Accept** soft key.

To answer a call using the speakerphone mode:

1. Press .

To answer a call using the headset:

1. With a headset connected, press the **Accept** soft key.

Answering When in Another Call

If you are during an active call, an incoming call arrives on the handset, do the following:

1. Press , or the **Accept** soft key.

   The incoming call is answered and the original call is placed on hold.

Ending Calls

To end a call:

Do one of the following:

- Press .
- Place the handset in the charger cradle.

Redialing Calls

The redial number list stores the twenty last dialed phone numbers. When the memory of the redial number list is full, the handset will automatically erase the oldest dialed number when a new number is dialed. You can redial a call from the redial number list.

To redial the last dialed number:

1. Press when the handset is idle.
2. Press again.

   A call to your last dialed number is attempted.

To redial a previously dialed number:

1. Press when the handset is idle.

   The handset displays the last dialed phone numbers.
2. Press or to highlight the desired entry.

   You can press **Options**->**Edit Before Call** to edit the phone number or select the desired line.
3. Press again.

You can add local contacts from the redial number list. You can also delete an entry or all entries from the redial number list.

Call Mute

You can mute the microphone during an active call. When muting the microphone, you can hear the other party but he or she cannot hear you. For example, if you do not want the other party to listen in while you talk to someone in the room, you can mute the microphone temporarily.

To mute a call:

1. Press during an active call.

   The call is on mute and the icon displays on the LCD screen.

To un-mute a call:

1. Press again.

   The icon disappears from the LCD screen.

Call Hold/Resume

You can place an active call on hold. At any time, at most one active call can be in progress on your handset. Another call can be answered and made while placing the original call on hold.

To place a call on hold:

1. Press the **Options** soft key during a call, and select **Hold**.

   The call is placed on hold and the icon displays on the LCD screen.

To resume a hold call:

Do one of the following:

- Press the **Resume** soft key.
- Press .
- Press .

Two Calls on Hold:

If two calls are placed on hold on the handset, press the **Resume** soft key to resume the current call. Press , or the **Swap** soft key to swap between the two calls.

Note When the call on the handset is on hold, placing the handset in the charger cradle will not end the call.

Call Waiting

You can enable or disable the call waiting feature on the handset. If the call waiting feature is enabled, the handset will notify you of a new incoming call during a call, and present the incoming call information visually on the LCD screen. You can also enable the handset to play a warning tone when receiving a new incoming call during a call. If the call waiting feature is disabled, the new incoming call will be automatically rejected by the handset.

To configure the call waiting feature:

1. Press to enter the main menu.
2. Select ->**Call Waiting**.
3. Press or to select the desired value from the **Status** field.

4. Press or to select the desired value from the **Tone** field.
5. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Note The call waiting tone works only if the call waiting feature is enabled.

To answer a new incoming call during a call:

If call waiting feature is enabled, a new incoming call can be answered during a call.

1. Press the **Accept** soft key to answer the new incoming call.

   The original call is placed on hold.

Do Not Disturb (DND)

You can activate or deactivate the DND mode on a per-line basis. If DND mode is activated for a specific line, all incoming calls to the line will be rejected automatically, and the callers will hear a busy signal.

To activate DND mode for a specific line:

1. Press OK to enter the main menu.
2. Select ->**Do Not Disturb**.

   The LCD screen displays the incoming lines currently assigned to the handset.
3. Press or to highlight the desired line, and press the **OK** soft key.
4. Press or to select **Enabled** from the **Status** field.
5. Press the **OK** soft key to accept the change.

The icon on the idle screen indicates the DND mode is activated. You can press the **Line** soft key when the handset is idle to check the line status. The icon in the bottom of a line indicates that the DND mode is activated for this line.

The handset will reject all incoming calls to the line, and the LCD screen displays the missed call icon followed by the number of missed calls.

Call Forward

You can enable the call forward feature on a per-line basis. The handset will forward incoming calls to the line to another party. There are three forwarding types:

- **Always Forward**: Incoming calls are immediately forwarded.
- **Busy Forward**: Incoming calls are immediately forwarded if the line is busy.
- **No Answer Forward**: Incoming calls are forwarded if not answered after a period of time.

To enable the call forward feature for a specific line:

1. Press OK to enter the main menu.
2. Select ->**Call Forward**.

   The LCD screen displays the incoming lines currently assigned to the handset.
3. Press ▲ or ▼ to highlight the desired line, and press the **OK** soft key.
4. Press ▲ or ▼ to highlight the desired forwarding type, and press the **OK** soft key.
5. Press ◄ or ► to select **Enabled** from the **Status** field.
6. Enter the destination number you want to forward incoming calls to in the **Target** field.
7. Press ◄ or ► to select the desired ring time to wait before forwarding from the **After Ring Time** field (only available for No Answer Forward).
8. Press the **Save** soft key to accept the change.

The icon on the idle screen indicates the call forward feature is enabled.

If Always Forward is selected, there is no prompt on the LCD screen when the line receives an incoming call. The incoming call is logged in the Accepted Calls list.

Note Call forward feature may be overridden by the server settings. For more information, contact your system administrator.

Call Transfer

You can transfer a call to another party in one of the following ways:

- **Blind Transfer**: Transfer a call directly to another party without consulting.
- **Semi-Attended Transfer**: Transfer a call when receiving the ring-back.
- **Attended Transfer**: Transfer a call with prior consulting.

To perform a blind transfer:

1. Press the **Options** soft key during a call, and select **Blind Transfer**.
2. Do one of the following:
   - Enter the number or select the handset you want to transfer the call to.

     Press R, OK or the **Transfer** soft key.
   - Press the **Directory** soft key, and select the desired contact.

     Press the **Call** soft key.

     If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key.

   The call is connected to the number or handset you specified, and the LCD screen prompts the message "Call Transferred".

To perform a semi-attended transfer:

1. Press the **Options** soft key during a call, and select **Transfer**.
2. Do one of the following:
   - Enter the number or select the handset you want to transfer the call to.

     Press OK or the **Transfer** soft key to dial out.
   - Press the **Directory** soft key, and select the desired contact.

     Press the **Call** soft key.

     If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key to dial out.
3. Press R or the **Transfer** soft key to complete the transfer when receiving the ring-back.

   The LCD screen prompts the message "Call Transferred".

To perform an attended transfer:

1. Press the **Options** soft key during a call, and select **Transfer**.
2. Do one of the following:
   - Enter the number or select the handset you want to transfer the call to.

     Press OK or the **Transfer** soft key to dial out.
   - Press the **Directory** soft key, and select the desired contact.

     Press the **Call** soft key.

     If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key to dial out.
3. Press the **Transfer** soft key to complete the transfer after the party answers the call.

   The LCD screen prompts the message "Call Transferred".

Conference Call

You can use the handset to create a local conference with other parties. The handset supports up to 3 parties (including yourself) in a conference call. You can create a conference between an active call and a held call on the handset (on the same line or different lines).

To set up a local conference call:

1. Place a call to the first party.
2. Press the **Options** soft key, and select **Conference**.
3. Do one of the following:
   - Enter the number of the second party or select the handset you want to add to the conference.

     Press OK or the **Conf.** soft key to dial out.

- Press the **Directory** soft key, and select the desired contact.

  Press the **Call** soft key.

  If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key to dial out.

4. When the second party answers the call, you can consult with him or her before adding to the conference.
5. Press the **Conf.** soft key again to join all parties in the conference.

To join two calls in a conference:

1. Place two calls on the handset.
2. Select the desired call and make sure the call is active.
3. Press the **Options** soft key, and select **Conference**.

   Two calls are joined in the conference.

To drop the conference call, press or the **End** soft key.

Anonymous Call

You can use anonymous call feature to block the identity and phone number from showing up to the called party when you call someone. For example, you want to call to consult some service, but you do not want to be harassed. You can configure the anonymous call feature on a per-line basis.

Note The anonymous call feature is not available on all servers. Contact your system administrator for more information.

To enable the anonymous call feature for a specific line:

1. Press OK to enter the main menu.
2. Select ->**Anonymous Call**.

   The LCD screen displays the outgoing lines currently assigned to the handset. The default outgoing line is highlighted and followed by a left arrow.
3. Press or to highlight the desired line, and press the **OK** soft key.
4. Press or to select **Enabled** from the **Status** field.
5. Press the **OK** soft key to accept the change.

To place an anonymous call:

1. Using the specific line on the handset to place a call.

   The LCD screen of the phone receiving this call prompts an incoming call from anonymity.

Anonymous Call Rejection

You can use anonymous call rejection feature to reject incoming calls from anonymous callers. Anonymous call rejection automatically rejects incoming calls from callers who deliberately block their identities and numbers from showing up. You can configure the anonymous call rejection feature on a per-line basis.

To enable the anonymous call rejection feature for a specific line:

1. Press OK to enter the main menu.
2. Select ->**Anon.Call Rejection**.
   The LCD screen displays the incoming lines currently assigned to the handset.
3. Press or to highlight the desired line, and press the **OK** soft key.
4. Press or to select **Enabled** from the **Status** field.
5. Press the **OK** soft key to accept the change.

Voice Mail

You can leave voice mails to someone else. You can also receive and listen to the voice mails. The voice mail feature ensures that you will never miss any important messages. When receiving a new voicemail, the icon appears on the LCD screen with the number of unread voice mails and the message key LED flashes red.

Note The voice mail feature is not available on all servers. Contact your system administrator for more information.

To leave a voice mail:

You can leave a voice mail to someone else when he or she is busy or inconvenient to answer the call. Follow the voice prompts from the system server to leave a voice mail, and then hang up after completing.

To configure the voice mail access code:

1. Press OK to enter the main menu.
2. Select ->**Set Voice Mail**.
   The LCD screen displays the lines assigned to the handset as incoming lines and outgoing lines simultaneously, and the number of voice mails of each line.
3. Press or to highlight the desired line, and press the **Select** soft key.
4. Press or to select **Enabled** from the **Status** field.
5. Enter the voice mail access code in the **Number** field.
6. Press the **OK** soft key to accept the change or the **Back** soft key to cancel.

To configure fast access for voice mail:

You can configure fast access to connect straight to the voice mails of the desired line by long pressing the digit key 1, when the handset is idle without having to scroll through the menu.

1. Press OK to enter the main menu.
2. Select ->**Set Key 1**.

   The LCD screen displays the lines assigned to the handset as incoming lines and outgoing lines simultaneously, and the number of voice mails of each line.
3. Press ▲ or ▼ to highlight the desired line and press the **Select** soft key.

   The radio box of the selected line is marked.

To listen to the voice mail using the menu:

1. Press the **OK** key to enter the main menu.
2. Select ->**Play Message**.

   The LCD screen displays the lines assigned to the handset as incoming lines and outgoing lines simultaneously, and the number of voice mails of each line.
3. Press ▲ or ▼ to highlight the desired line, and press the **Select** soft key.

   The handset dials out the voice mail access code using the selected line automatically.
4. Listen to the voice mail following the voice prompts from the system server.

To listen to the voice mail via fast access:

1. Long press 1 when the handset is idle.

   The handset automatically dials out the voice mail access code using the line you selected when configuring fast access for voice mail.
2. Listen to the voice mail of this line following the voice prompts from the system server.

You can also listen to the voice mail by pressing ✉ to enter into the Message & Call interface. Select the desired line and press the **Select** soft key.

Note

Before listening to the voice mails, make sure the voice mail access code has been configured.

When all new voice mails are retrieved, the icon disappears from the screen.

Troubleshooting

This chapter provides some general troubleshooting information to help you solve the problems you might encounter when using your W52P IP DECT phone.

If you require additional information or assistance with your new phone, contact your system administrator.

Why doesn't the handset ring?

- Ensure the ringer volume of your handset is not adjusted to the minimum. Refer to Adjusting Ringer Volume on page 17.
- Make sure the silent mode is not switched on. Refer to Switching Silent Mode On/Off on page 18.

Why can't I receive calls?

- Ensure the DND mode is not activated. Refer to Do Not Disturb (DND) on page 52.
- Ensure the Always Forward feature is not enabled. Refer to Call Forward on page 52.

Why does the handset prompt the message "Not Subscribed"?

Check the registration status of your handset. If your handset is not registered to the base station, register it manually. Refer to Handset Registration on page 13.

Why does the handset prompt the message "Not in range"?

- Ensure the base station is properly plugged into a functional AC outlet.
- Ensure the handset is not too far from the base station.

Why does the handset prompt the message "No LAN Connection"?

- Ensure the Ethernet cable is plugged into the Internet port on the base station and the Ethernet cable is not loose.
- Ensure the switch or hub in your network is operational.

Why does paging fail?

Check the current mode of the base station. If the base station is not on the paging mode, press the paging key on the base station to cast the base station into the paging mode.

Why can't I turn the handset on?

Ensure the batteries are inserted into the handset. If the batteries are already inserted into the handset, place the handset into the charger cradle.

Why do I hear some noise during a call?

- Ensure you are not using the handset or base station in an area with high electrical interference. You can reposition the handset and the base station to keep them far away from sources of high electrical interference
- Ensure the handset is not too far from the base station.
- Turn off the handset. Restart the base station, turn on the handset and place a call to see if there is still noise heard during the call.

Appendix

Firmware Upgrading

You can upgrade your base station or handset to the latest firmware version. The latest firmware version not only improves the performance of the base station or handset, but also provides more features compared to the previous versions.

Upgrading the Base Station

You can upgrade the base station firmware via auto provisioning or via the web user interface. This section provides you with the instruction of upgrading the base station via the web user interface. For more information on upgrading the base station via auto provisioning, refer to the document WELL W52P Auto Provisioning User Guide.

To upgrade the base station firmware, contact your system administrator for the latest firmware file, and store it on your local system.

To upgrade the base station firmware via web user interface:

1. Click on **Phone**->**Upgrade**.
2. In the **Select and Upgrade Firmware** field, locate the firmware file from your local system.
3. Click **Upgrade** to upgrade the firmware of the base station.

   The upgrading process will take a few minutes. The power indicator LED on the base station slow flashes when the base station is during the firmware upgrading process.

Once the base station firmware has been successfully upgraded, the base station reboots automatically. The handset will perform an auto registration to the base station.

You can check the firmware version of the base station using the handset. For more information, refer to Checking System Status on page 15.

Note Do not refresh or close the browser during the upgrading process of the base station.

Upgrading the Handset via USB Port

You can upgrade your handset firmware via the USB port located underneath the battery cover. USB ports allow standalone electronic devices to be connected via cables to a computer.

To upgrade the handset firmware, contact your system administrator for the latest

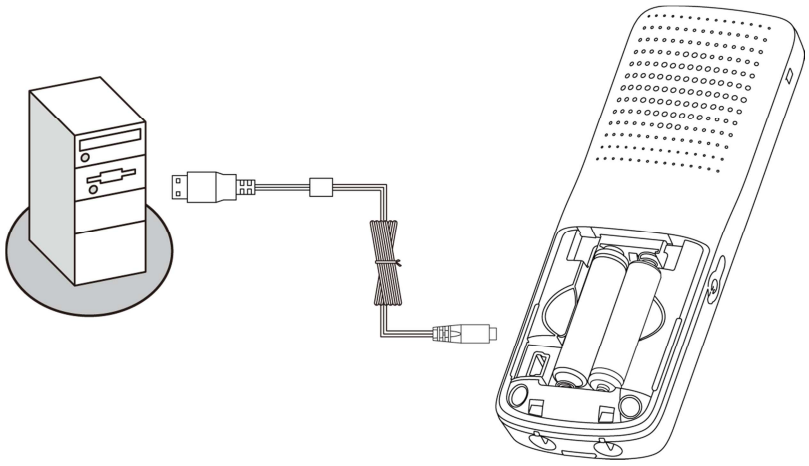
firmware file and the firmware upgrading tool (W52P-HS-Flasher.exe), and store them on your local system.

To connect the handset to the PC using the USB cable:

Before upgrading the handset, you need to connect the handset to the computer.

1. Open the battery cover of the handset.

   A USB mini port is located underneath the battery cover.
2. Connect the USB cable to the computer.
3. Connect the other end of the USB cable to the USB port on the handset.



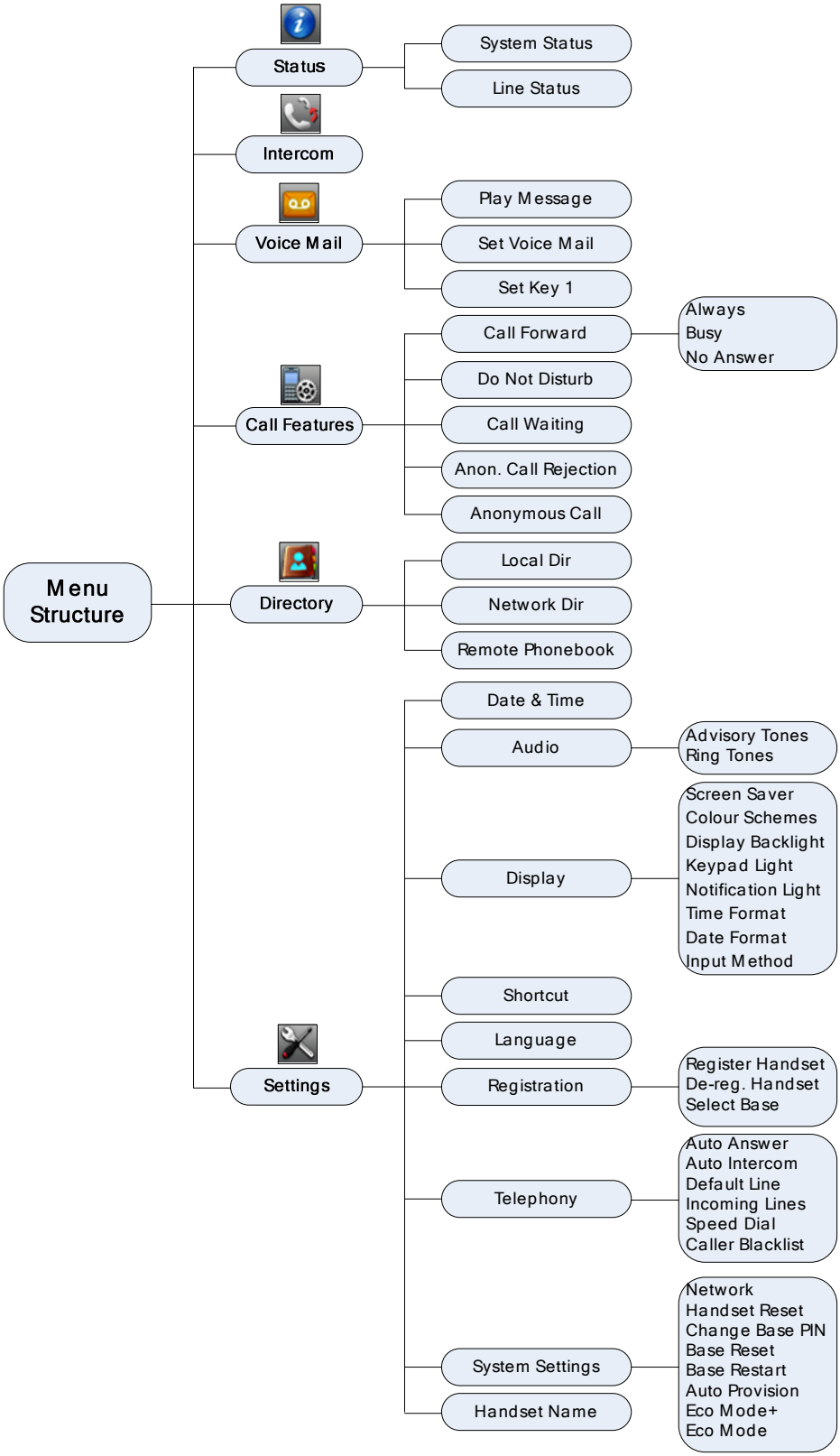
To upgrade the handset firmware:

1. Double click the W52P-HS-Flasher.exe application.
2. Click the **Browse** button to locate the latest firmware file from your local system.
3. Click the **Upgrade** button.

   The handset is turned off. The status of the upgrading process is indicated on the interface of the firmware upgrading tool. The upgrading process will take a few minutes.

Once the handset firmware has been successfully upgraded, the handset is turned on automatically, plays a warning tone and performs an auto registration to the base station. You can check the firmware version of the handset. For more information, refer to Checking System Status on page 15.

Menu Structure



Regulatory Notices

Important Safety Information

To reduce risk of fire, severe personal injury and damage to property, read the following safety information carefully before using the product.

⚠ Environmental Requirements

- Place the product on a stable, level and non-slip surface.
- Do not place the product close to heat sources, in direct sunlight or next to any household appliance with strong magnetic field or electromagnetic field, such as a microwave oven or a refrigerator.
- Do not allow the product to come into contact with water, dust and chemicals.
- Protect the product from aggressive liquids and vapors.
- Do not place the product on or near any inflammable or fire-vulnerable object, such as rubber-made materials.
- Do not install the product in rooms with high humidity, for example, in bathrooms, laundry rooms and wet basements.

⚠ Safety Notes During Operation

- Use only spare parts and accessories supplied or authorized by WELL. The operation of non- authorized parts cannot be guaranteed.
- Do not place heavy objects on top of the handset or the base station in case of damage and deformation caused by the heavy load.
- Do not open the handset or the base station by yourself for repair purpose, which could expose you to high votages. Have all repairs carried out by authorized service personel.
- Do not let a child operate the product without guidance.
- Keep the small accessories contained in your product out of reach of small children in case of accidental swallowing.
- Before plugging or unplugging any cable, make sure that your hands are completely dry.
- Do not hold the handset up to your ear when speakphone is on or when the ringer is ringing as the volumn can be very loud, which may be harmful to your hearing.
- During a thunderstorm, stop using the product and disconnect it from the power supply to avoid lightning strike.
- If the product is left unused for a rather long time, disconnect the base station from the power supply and unplug the power adapter.

- When there is smoke emitted from the product, or some abnormal noise or smell, disconnect the product from the power supply, and unplug the power adapter immediately.
- Remove the electrical cord from an outlet by pulling gently on the power adapter, not by pulling the cord.

⚠ Battery Precautions

- Do not immerse the battery into water, which could short-circuit and damage the battery.
- Do not expose the battery to an open flame or leave the battery where it could be subjected to extremly high temperatues, which could cause the battery to explode.
- Do power the handset off before removing the battery.
- Do not try to use the bettery for the power supply of any device other than this handset.
- Do not open or mutilate the battery, released electrolyte is corrosive and may cause damage to the your eyes or skin.
- Use only the rechargeable battery pack delivered with the handset or those rechargeable battery packs expressly recommended by WELL.
- Defective or exhausted batteries should never be disposed of as municipal waste. Return old batteries to the battery supplier, a licensed battery dealer or a designated collection facility.

⚠ Notices of Cleaning

- Before cleaning the base station, stop using it and disconnect it from the power supply.
- Remove the battery before cleaning the handset to reduce risk of electric shock.
- Only clean your product with a piece of slightly moist and anti-static cloth.
- Keep the power plug clean and dry. Using a dirty or wet power plug may lead to electric shock or other perils.

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WELL W52P IP DECT Phone

User Guide

Version 1.0 April 2013

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Warranty

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS GUIDE ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS GUIDE ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF PRODUCTS.

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Declaration of Conformity

Hereby, Yealink Network Technology CO., LTD. declares that this phone is in conformity with the essential requirements and other relevant provisions of the CE, FCC.

CE Mark Warning

This device is marked with the CE mark in compliance with EC Directives 1999/5/EC (R&TTE).

This device complies with the following standards:

1. Safety: EN 60950-1:2006+A11:2009+A1:2010+A12:2011
2. SAR: EN62479:2010
3. EMC: ETSI EN 301 489-1 V1.9.2 (2011-09) & ETSI EN 301 489-6 V1.3.1 (2008-08)
4. Radio: ETSI EN 301 406 V2.1.1 (2009-07)

Part 15 FCC Rules

This device is compliant with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Class B Digital Device or Peripheral

This equipment is tested and complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Privacy of communications may not be ensured when using this telephone. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experience radio/TV technician for help.

Note: Changes or modifications not expressly approved by Yealink Network Technology Co., Ltd could void the user's authority to operate the equipment.

ACTA Information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of the base station is a label that contains, among other information, a product identifier in the format US: T2LXXXXXXX.

Hearing Aid Compatibility (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC

RF exposure guidelines.

Information for DECT Product

This telephone is compliant with the DECT 6.0 standard which operates in the 1.92GHz to 1.93GHz frequency range. Installation of this equipment is subject to notification and coordination with UTAM. Any relocation of this equipment must be coordinated through and approved by UTAM. UTAM may be contacted at 1-800-429-8826.

WEEE Warning

To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

GNU GPL INFORMATION

W52P firmware contains third-party software under the GNU General Public License (GPL). Yealink uses software under the specific terms of the GPL. Please refer to the GPL for the exact terms and conditions of the license.

The original GPL license, source code of components licensed under GPL and used in Yealink products can be downloaded from Yealink web site: http://www.yealink.com/GPLOpenSource.aspx?BaseInfoCateId=293&NewsCateId=293&CateId=293.

Version 1.0 April 2013

About This Guide

The WELL W52P IP DECT phone is a full-featured mobile device, which can provide reliable and convenient wireless voice communications. In addition, it provides many widely accepted benefits of the DECT standard, including high security, scalability, and low power consumption to better meet your requirements.

This guide provides everything you need to quickly use your new phone. Be sure to verify with your system administrator that your network is prepared for configuring your IP DECT phone. As well, be sure to read the Packing List and Regulatory Notices sections in this guide before you set up and use your W52P IP DECT phone.

If this is your first time using the W52P IP DECT phone, we recommend that you first refer to the **Quick Installation Guide** and **Quick Reference Guide**.

In This Guide

The topics provided in this guide include:

- Chapter 1 Getting Started
- Chapter 2 Overview
- Chapter 3 Basic Operations
- Chapter 4 Phone Settings
- Chapter 5 Call Features

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Getting Started

This chapter provides basic installation instructions and information for obtaining the best performance with the W52P IP DECT phone. The topics include:

- Packaging Contents
- Connecting the W52P Base Station
- Setting up the W52P/W52H Handset
- Setting up the Charger Cradle
- Charging the Handset

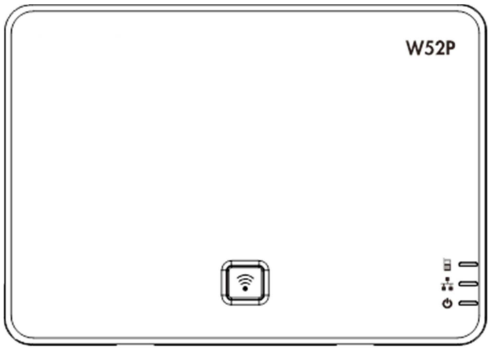
If you require additional information or assistance with your new phone, contact your system administrator.

Packaging Contents

The following components are included in your W52P/W52H IP DECT phone package:

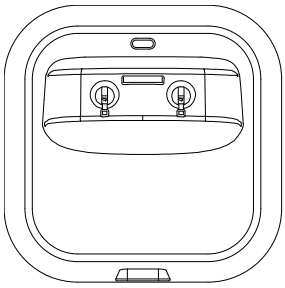
W52P Package	W52H Package
• 1 base station • 1 handset • 1 charge cradle • 2 power adapters • 2 rechargeable batteries • 1 Ethernet cable • 1 belt clip • 1 Quick Installation Guide and Quick Reference Guide • 1 CD ROM	• 1 handset • 1 charge cradle • 1 power adapter • 2 rechargeable batteries • 1 belt clip

- **W52P Base Station**

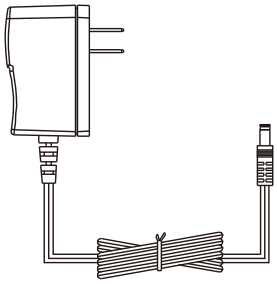


- **W52P/W52H Handset**

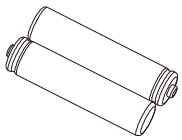
- **Charger Cradle**



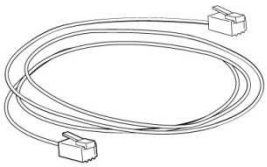
- **Power Adapter**



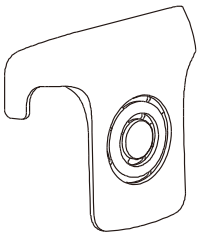
- **Two Rechargeable Batteries**



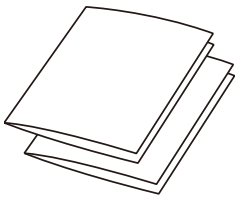
- **Ethernet Cable**



- **Belt Clip**



- **Quick Installation Guide & Quick Reference Guide**



- **CD-ROM**

Check the list before installation. If you find anything missing, contact your system administrator.

Connecting the W52P Base Station

You have two options for power and network connection of the base station. Your system administrator will advise you which one to use.

- AC power
- Power over Ethernet (PoE)

Note

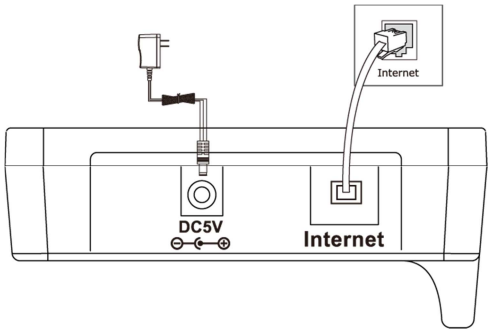
Please pay attention to the range of the base station. This is up to 300 m in unobstructed outdoor areas and up to 50 m inside buildings.

Set up the base station and the charger cradle at a central location on a flat, non-slip surface in your house or apartment.

AC Power

To connect the AC power:

3. Connect the DC plug on the power adapter to the DC5V port on the base station and connect the other end of the power adapter into an electrical power outlet.
4. Connect the supplied Ethernet cable between the Internet port on the base station and the Internet port in your network or the switch/hub device port.

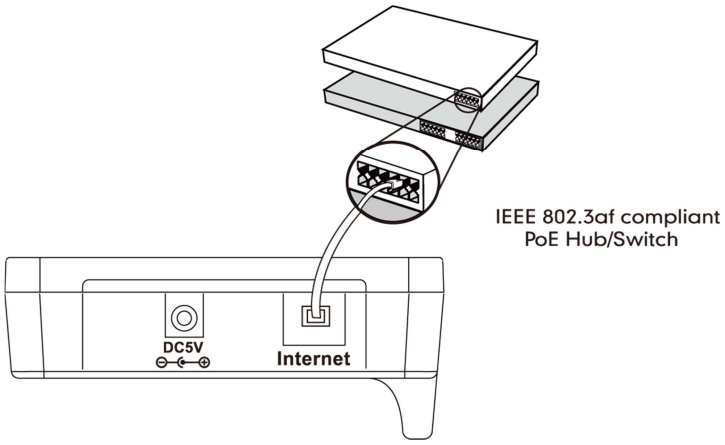


Power over Ethernet

Using a regular Ethernet cable, the base station can be powered from a PoE (IEEE 802.3af) compliant switch or hub.

To connect the PoE:

2. Connect the Ethernet cable between the Internet port on the base station and an available port on the in-line power switch/hub.



Note

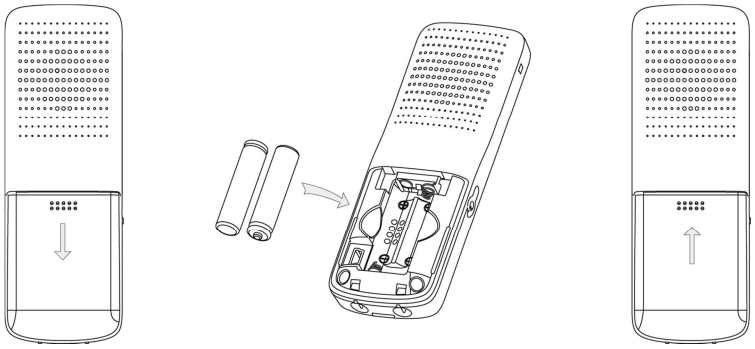
If in-line power is provided, you do not need to connect the AC adapter. Make sure the Ethernet cable and switch/hub are PoE compliant.

Important! Do not unplug or remove the power and network to the base station while it is updating firmware and configurations.

Setting up the W52P/W52H Handset

To insert batteries into the handset:

4. Open the battery cover.
5. Insert the batteries in the correct polarity.
6. Close the battery cover.



Note

Do not short-circuit the batteries, as short-circuiting the terminals may damage the batteries or the handset.

Do not use damaged batteries, as using damaged batteries may cause an explosion.

Battery Information

Technology: Nickel Metal Hydride (NiMH)

Size: AAA

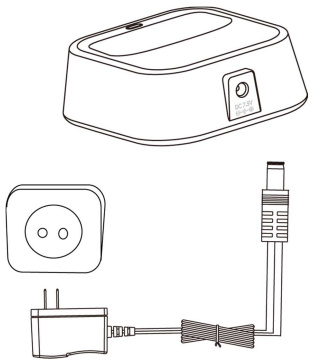
Voltage: 1.2V

Capacity: 800mAh

We strongly recommend you use the batteries complying with the above parameters. Because the compliant ones can guarantee the specified operating time, full functionality and long service life. The operating time of your handset depends on the capacity and age of the batteries and the way they are used.

Setting up the Charger Cradle

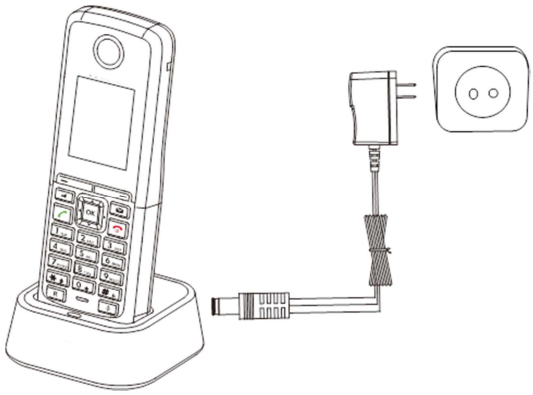
3. Connect the DC plug on the power adapter to the DC5V port on the charger cradle.
4. Connect the other end of the power adapter into an electrical power outlet.



Charging the Handset

To charge the handset:

2. After setting up the handset and charger cradle, place the handset in the charger cradle.



The original handset included in the W52P package is pre-registered to the base station. After charging, the handset is ready to use.

Battery Charging Status

The charging status of batteries displays on the top right-hand corner of the LCD screen:

Icon	Charge Status
	Fully Charged
	75% Charged
	50% Charged
	25% Charged
	10% Charged
	Almost Flat

Overview

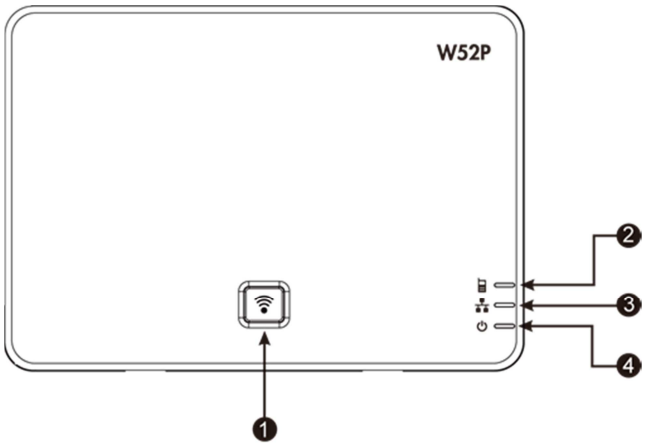
This chapter provides the overview of the W52P IP DECT phone. The topics include:

- Base Station Description
- Handset Description
- Displaying Information on LCD Screen
- Icon Instructions

If you require additional information or assistance with your new phone, contact your system administrator.

Base Station Description

After the base station starts up successfully and the handset is registered to the base station, all LEDs on the base station illuminate solid green.



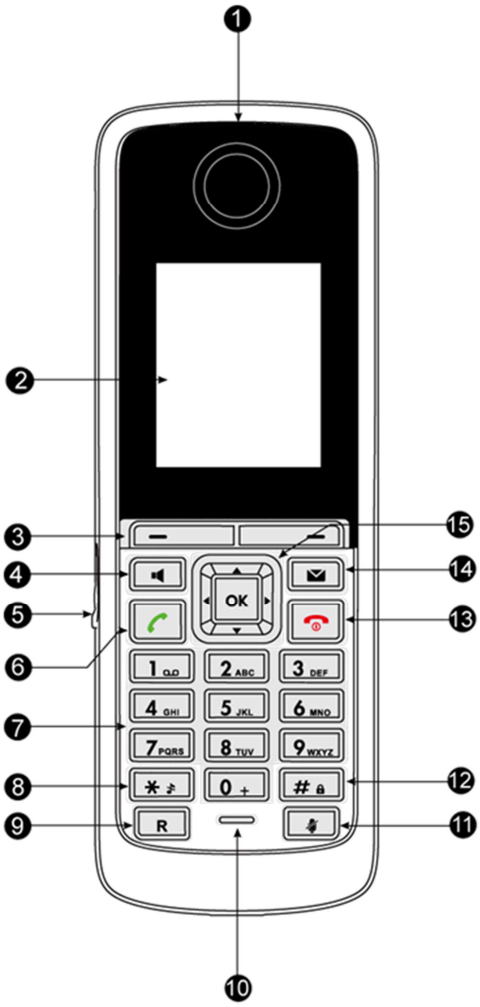
Hardware component instructions of the W52P base station are:

	Item	Description
	Paging Key	Locates a misplaced handset. Toggles the registration mode.
②	Registration LED	Indicates the mode of the base station. Fast flashes green when the base station is in the paging mode. Slow flashes green when the base station is in the registration mode. Illuminates solid green when there is any handset registered to the base station.

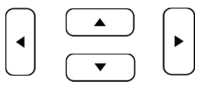
	Item	Description
③	Network Status LED	Indicates the network status. Slow flashes green when the network is unavailable. Illuminates solid green when the network is ready.
④	Power Indicator LED	Indicates the power status of the base station. Slow flashes green when the base station is during the firmware upgrading process. Slow flashes green when the base station is during the resetting process. Illuminates solid green when the base station is powered on.

Handset Description

The main hardware components of the W52P/W52H handset are the LCD screen and the keypad.



Hardware component instructions of the W52P/W52H handset are:

	Item	Description
①	Earpiece	Outputs audio during the earpiece call.
②	LCD Screen	Shows call information, handset status icons, prompt messages and so on.
③	Soft Keys	Label automatically to identity their context-sensitive features.
④	Speakerphone Key	Switches between the earpiece and speakerphone modes. Answers an incoming call.
⑤	Headset Connector	Connects a headset.
⑥	Off-hook Key	Answers an incoming call. Enters into the redial call list. Places a call.
⑦	Keypad	Provides the digits, letters, and special characters in context-sensitive applications.
⑧	Star Key	Enters the star symbol. Switches the silent mode on or off.
⑨	Redirect Key	Transfers a call to another party.
⑩	Microphone	Picks up audio during earpiece and hands-free calls.
⑪	Mute Key	Toggles the Mute feature on or off.
⑫	Pound Key	Enters the pound symbol. Locks or unlocks the handset keypad. Switches the input method.
⑬	On-hook Key/Power key	Long press to return to the idle screen in the menu mode. Long press to turn the handset on or off when the handset is idle. Cancels actions or end a call. Rejects an incoming call.
⑭	Message Key	Indicates the new receiving voice mail or missed call. Accesses the voice mail or missed call list. Indicates the handset is during the firmware upgrading process.
⑮		Scroll through the displaying information. Move the cursor. Adjust the ringer volume. Act as shortcut keys.
		Confirms actions or enter into the main menu.

Displaying Information on LCD Screen

The idle screen may be shown as below:

The LCD screen is divided into three parts: status line, text line and soft key line.

The information shown in the status line:

- On hook (idle) — displays signal strength indicator, internal handset number and battery status.
- Off hook — displays line ID.

The information shown in the text line:

- On hook (idle) — displays handset name, time and date, caller information when receiving an incoming call and prompt messages.
- Off hook — displays the dialed digits.

The information shown in the soft key line:

- On hook (idle) — displays **History** and **Line**.
- Off hook — displays various terms according to the context of the specific feature.

Signal Strength

The strength of the reception signal between the base station and the handset may display as:

Weak to strong:

No reception:

Battery Status

The status of the battery displays on the top right-hand corner of the LCD screen:

Icon	Battery Level
	Full
	High
	Medium
	Low
	Need Charging

Icon Instructions

Icons appear on the LCD screen are described in the following table:

Icon	Description
	Anonymous Call
	Anonymous Call Rejection
	Missed Call
	Voice Mail
	Keypad Lock
	Silent Mode
	Do Not Disturb
	Call Forward
	Call Hold
	Call Mute
	Unassigned Outgoing Line
	Unusable Line
	Loudspeaker On
	Headset Mode On

Basic Operations

This chapter provides you with the basic operating instructions of the W52P IP DECT phone. The topics include:

- Handset Registration
- Basic Network Settings
- Checking System Status
- Account Registration
- Checking Line Status
- Turning Handset On/Off
- Adjusting Ringer Volume
- Locking/Unlocking Keypad
- Locating a Handset
- Switching Silent Mode On/Off
- Menu Guidance

If you require additional information or assistance with your new phone, contact your system administrator.

Handset Registration

You can register up to 5 handsets to one W52P base station. Each handset can be registered to 4 base stations.

To register a handset manually:

8. Long press on the base station.
   The registration LED slow flashes, indicating the base station is in the registration mode.
9. Press OK on the handset to enter the main menu.
10. Select ->**Registration**->**Register Handset**.
    The LCD screen displays the base (1-4).
11. Press or to highlight the desired base, and press the **OK** soft key.
    The handset begins to search for base station.
12. Press the **OK** soft key when the LCD screen displays the ID of the base station.
13. Enter the system PIN (default: 0000).
14. Press the **Done** soft key.

The handset plays a warning tone and prompts the message "Handset Subscribed" on the LCD screen, which indicates the registration has finished.

After successful registration, the internal handset number and handset name appear on the LCD screen.

To de-register a handset:

7. Press OK to enter the main menu.
8. Select ->**Registration**->**De-reg. Handset**.
9. Enter the system PIN (default: 0000).
10. Press the **Done** soft key.

    The LCD screen displays the names of the handsets registered to the same base station. The name of the handset itself is highlighted and followed by a left arrow.
11. Press ▲ or ▼ to highlight the desired handset name, and press the **OK** soft key.

    The LCD screen prompts the message "De-register Handset".
12. Press the **Yes** soft key to de-register the handset or the **No** soft key to cancel.

To select the base station:

4. Press OK to enter the main menu.
5. Select ->**Registration**->**Select Base**.

   The LCD screen displays all base stations the handset registered to and the **Bestbase** option (if the handset is registered to more than one base stations). The radio box of the currently used base station is marked. You can select **Bestbase** to search for the base station with the best signal strength.
6. Press ▲ or ▼ to highlight the desired base station or the **Bestbase** option, and press the **Select** soft key.

   The handset begins to search for base station. After successful connection, the handset plays a warning tone and prompts the message "Base selected successfully!" on the LCD screen.

Basic Network Settings

By default, the base station attempts to contact a DHCP server in your network to obtain the valid network settings, e.g. IP address, subnet mask, gateway, DNS server.

If your base station cannot contact a DHCP server for any reason, you need to configure a static IP address manually.

To configure a static IP address manually.

8. Press OK to enter the main menu.
9. Select ->**System Settings**->**Network**.
10. Enter the system PIN (default: 0000).

11. Press the **Done** soft key.
12. Press [◂] or [▸] to select **Static** from the **IP Address Type** field.
13. Enter the valid values in the **IP Address**, **Subnet Mask**, **Default Gateway**, **Primary DNS** and **Secondary DNS** fields.
14. Press the **Save** soft key to accept the change.

If you are using an xDSL modem, you can connect your base station to the Internet via PPPoE mode. The PPPoE port will perform a PPP negotiation to obtain the IP address. Contact your system administrator for the PPPoE username and password.

To configure PPPoE:

8. Press [OK] to enter the main menu.
9. Select ->**System Settings**->**Network**.
10. Enter the system PIN (default: 0000).
11. Press the **Done** soft key.
12. Press [◂] or [▸] to select **PPPoE** from the **IP Address Type** field.
13. Enter the valid values in the **PPPoE User** and **PPPoE Password** fields.
14. Press the **Save** soft key to accept the change.

Note Using the wrong network parameters may result in inaccessibility of your phone and may also have an impact on your network performance. For more information about these parameters, contact your system administrator.

Checking System Status

You can view the system status on your handset. Available information of the system status includes:

- **General information**—including the IP address, MAC address, firmware version and RFPI code of the base station.
- **Network status**—including the IP type, subnet mask, gateway, primary DNS and secondary DNS.
- **Handset status**—including the device model, hardware version, firmware version, product ID, IPUI code and area of the handset.

To check the general information:

4. Press [OK] to enter the main menu.
5. Select ->**System Status**.

   The LCD screen displays the general information and the **More…** option.
6. Press [▲] or [▼] to scroll through the list and view the specific information.

To check the network status:

5. Press OK to enter the main menu.
6. Select ->**System Status**.

   The LCD screen displays the general information and the **More…** option.
7. Select **More …**->**Network**.

   The LCD screen displays the network status.
8. Press ▲ or ▼ to scroll through the list and view the specific information.

To check the handset status:

5. Press OK to enter the main menu.
6. Select ->**System Status**.

   The LCD screen displays the general information and the **More…** option.
7. Select **More…**->**Handset**.

   The LCD screen displays the handset status.
8. Press ▲ or ▼ to scroll through the list and view the specific information.

Account Registration

The base station supports up to 5 lines. You can register an account for each line via the web user interface. To log in the web user interface of the base station, you should obtain the IP address of the base station in advance. For more information on obtaining the IP address, refer to Checking System Status on page 15.

To register an account via web user interface:

9. Enter the IP address of the base station in the address bar of the browser and press the **Enter** key.
10. Enter the username (admin) and password (admin) in the corresponding fields of the pop-up dialogue box.
11. Click **Confirm** to log in.
12. Click on **Account**->**Basic**.
13. Select the desired account from the pull-down list of **Account**.
14. Select **Enabled** from the pull-down list of **Account Active**.
15. Enter the valid values in the **Label**, **Name**, **Register Name**, **User Name**, **Password** and **SIP Server** fields respectively.

    Contact your system administrator for the account information.
16. Click **Confirm** to accept the change.

Checking Line Status

You can register up to 5 lines to one base station. The status of each registered line can be checked using the menu of the handset.

To check the line status:

3. Press OK to enter the main menu.
4. Select -> **Line Status**.

   The LCD screen displays all lines registered to the base station with icons for indicating line status. For example, the icon in the bottom of a line indicates that the handset has no privilege to place a call using this line.

Turning Handset On/Off

To turn the handset on:

Do one of the following:

- Long press until the LCD screen lights up.
- Place the handset in the charger cradle.

  The handset will be turned on automatically.

To turn the handset off:

2. Long press again when the handset is idle to turn the handset off.

Adjusting Ringer Volume

You can adjust the ringer volume of your handset according to the noise level of the surrounding environment. The ringer volume can be adjusted using the menu or the predefined shortcut keys (left and right navigation keys) on the keypad when the handset is idle. The handset supports 5 different ringer volume levels. The default level is 3.

For more information on adjusting the ringer volume using the menu, refer to Ring Tones on page 23.

To adjust the ringer volume using the predefined shortcut keys:

3. Press or when the handset is idle.

   Press to decrease the ringer volume, or press to increase the ringer volume.
4. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Note If the ringer volume is adjusted to the minimum, the icon will appear on the idle screen.

Locking/Unlocking Keypad

You can lock the handset keypad to prevent keys from being accidentally pressed.

To lock the keypad:

2. Long press # when the handset is idle until the LCD screen prompts the message "Keypad Locked, Press and hold '#' to unlock!".

   The keypad is locked and the icon appears on the idle screen.

   You can still answer or reject incoming calls as usual. You can also end the answered call by pressing .

To unlock the keypad:

2. Long press # again until the LCD screen prompts the message "Keypad Unlocked".

   The keypad is unlocked and the icon disappears from the idle screen.

Note If the keypad is locked, only the emergency numbers can be dialed out. You must enter the digits of the emergency number continuously. To make emergency calls, you should configure the emergency numbers in advance. For more information, refer to Emergency Numbers on page 40.

Locating a Handset

You can locate a misplaced handset using the base station to which this handset is registered.

To locate a handset:

2. Press on the base station.

   All handsets registered to this base station will ring simultaneously (Paging) and display the IP address of the base station on the LCD screen.

   This helps you locate your handset easily.

   You can press any key on the handset or press again on the base station to end paging.

Switching Silent Mode On/Off

If the silent mode is switched on, the handset will not ring when receiving an incoming call, but you can still see the incoming call information on the LCD screen. You can switch the silent mode on if you do not want to be disturbed.

To switch the silent mode on:

2. Long press * until the LCD screen prompts the message "All Ring Tones Off".
   The silent mode is on. The icon appears on the idle screen.

To switch the silent mode off:

2. Long press * again until the LCD screen prompts the message "All Ring Tones On".
   The silent mode is off. The icon disappears from the idle screen.

Menu Guidance

The handset provides a variety of features that are grouped into menu. This section provides you with some basic guidance of accessing and navigating the menu.

Main Menu

The handset menu has a number of levels. The main menu is the top-level menu, which consists of six main menu features: Status, Intercom, Voice Mail, Call Features, Directory and Settings.

To enter the main menu:

2. Press OK when the handset is idle.
   The main menu features are shown on the LCD screen as a list of icons.

To access a main menu feature:

3. Press ▲, ▼, ◄ or ► to scroll through the main menu feature list.
   The name of the selected main menu feature displays on the top of the LCD screen.

4. Press OK or the **OK** soft key to enter the corresponding submenu.

Submenu

The submenu features display on the LCD screen and they are shown as a list. You can access the desired submenu feature by selecting the corresponding submenu.

To access a submenu feature:

3. Press ▲ or ▼ to highlight the desired submenu.
4. Press OK or the **OK** soft key to access the next menu level.

   You can cancel the current operation and return to the previous menu level by pressing or the **Back** soft key.

Returning to Idle Screen

To return to the idle screen:

2. Long press to quickly exit the menu and return to the idle screen.

If you do not press any key in a period of time, the LCD screen will automatically exit the menu and return to the idle status.

Note If you are navigating the menu, and an incoming call arrives, the LCD screen will automatically exit the menu and the call will be handled as usual. When the call is terminated, the LCD screen returns to the idle status.

Phone Settings

This chapter provides you with some instructions to change the settings of your phone. The topics include:

- Handset Name
- Language
- Ring Tones
- Advisory Tones
- Backlight
- Screen Saver
- Color Schemes
- Keypad Light
- Notification Light
- Date and Time
- Shortcuts
- Contact Management
- Call History Management
- Network Call Log
- Dial Plan
- Emergency Numbers
- Outgoing Lines
- Incoming Lines
- Speed Dial
- Auto Answer
- Auto Intercom
- Handset Reset
- Base Reset
- Auto Provision
- Eco Mode+
- Eco Mode

If you require additional information or assistance with your new phone, contact your system administrator.

Handset Name

The handset will be assigned a name by default if successfully registered to the base station. You can personalize the handset name.

To rename the handset:

5. Press OK to enter the main menu.
6. Select ->**Handset Name**.
7. Edit the current value in the **Rename** field.
8. Press the **Save** soft key to accept the change.

Language

The handset supports displaying text in different languages. The default language of the handset is English. You can change the language according to your requirement.

To change the language of the handset:

5. Press OK to enter the main menu.
6. Select ->**Language**.
7. Press ▲ or ▼ to highlight the desired language and press the **Select** soft key.

   The LCD screen prompts the warning "Change phone language to French (the language you select)?".
8. Press the **Yes** soft key to change the language or the **No** soft key to cancel.

Note The languages available for selection depend on the language packs currently loaded to the handset. Please contact your system administrator for more information on the available languages of your handset.

Ring Tones

Ring tones are used to indicate incoming calls. You can set different ring tones to distinguish the incoming lines from each other on your handset. You can also set a ring tone to distinguish an incoming intercom call. When receiving an incoming call, the handset rings the specified ring tone.

To configure the ring tones:

6. Press OK to enter the main menu.
7. Select ->**Audio**->**Ring Tones**->**Melodies**.
8. Press ▲ or ▼ to highlight the **Intercom Call** option or the desired line.
9. Press ◄ or ► to select and listen to the desired ring tone.
10. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

You can also enter the menu ->Audio->Ring Tones->Volume, press or to decrease/increase the ringer volume.

Advisory Tones

Advisory tones are acoustic signals of your handset, which inform you of different actions and states. The following advisory tones can be configured independently of each other:

- **Keypad Tone**: plays when a user presses any key of the keypad.
- **Confirmation**: plays when a user saves settings or places the handset in the charger cradle.
- **Low Battery**: plays when the capacity of the batteries is low and the handset requires charging.

To configure the advisory tones:

7. Press to enter the main menu.
8. Select ->**Audio**->**Advisory Tones**.
9. Press or to select the desired value from the **Keypad Tone** field.
10. Press or to select the desired value from the **Confirmation** field.
11. Press or to select the desired value from the **Low Battery** field.
12. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Backlight

The handset backlight status in the charging state or out of the charging state can be configured independently of each other. If enabled, the backlight is always on. Otherwise, the backlight is turned off after the handset is idle for a period of time. But the backlight is automatically turned on when an incoming call arrives, a key is pressed or the status of the handset changes. You can disable the backlight to save power.

To configure the backlight:

6. Press to enter the main menu.
7. Select ->**Display**->**Display Backlight**.
8. Press or to select the desired value from the **In Charger** field.
9. Press or to select the desired value from the **Out Of Charger** field.
10. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Screen Saver

You can enable the screen saver to protect the LCD screen if you do not use your handset for a long time. The screen saver of the handset is designed to protect your LCD screen by filling it with an analog clock. When the screen saver is enabled, an analog clock will be activated and displays on the LCD screen if no user activity is sensed for approximately 10 seconds.

To configure the screen saver:

4. Press OK to enter the main menu.
5. Select ->**Display**->**Screen Saver**.
6. Press the **Change** soft key to check or uncheck the **Screen Saver** checkbox.

Color Schemes

You can change the background of your handset by changing the color theme. There are 2 color themes available.

To change the color scheme:

5. Press OK to enter the main menu.
6. Select ->**Display**->**Color Schemes**.
7. Press ▲ or ▼ to highlight the desired color scheme and preview its effect.
8. Press the **Select** soft key to select the color scheme.

   The radio box of the selected color theme is marked. The color theme of the handset is changed accordingly.

Keypad Light

You can enable the keypad light to make the keypad light up when any key is pressed. This helps you distinguish the keys from each other in a dark environment.

To configure the keypad light:

4. Press OK to enter the main menu.
5. Select ->**Display**->**Keypad Light**.
6. Press the **Change** soft key to check or uncheck the **Keypad Light** checkbox.

Notification Light

The notification light is used to indicate voice mails and missed calls. When the handset receives a voice mail or misses a call, the message key LED flashes red. You can configure the notification light to indicate the voice mails or missed calls respectively.

To configure the notification light:

6. Press OK to enter the main menu.
7. Select -> **Display** -> **Notification Light**.
8. Press or to select the desired value from the **Voice Mail** field.

   If **Enabled** is selected, the message key LED flashes red when the handset receives a new voice mail.
9. Press or to select the desired value from the **Missed Call** field.

   If **Enabled** is selected, the message key LED flashes red when the handset receives a new missed call.
10. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Date and Time

The date and time display on the idle screen of your handset. By default, the handset obtains the date and time from the Simple Network Time Protocol (SNTP) server. If your handset cannot obtain the date and time from the SNTP server, you can configure the date and time manually.

You can also configure the time format and date format respectively. The handset supports two time formats (12 Hour or 24 Hour) and six date formats. The available date formats are listed in the following table:

Date Format	**Example**(2011-8-17)
d M,D	17 Aug,Wed
M d,D	Aug 17,Wed
D,d M	Wed,17 Aug
DD/MM/YYYY	17/08/2011
MM/DD/YYYY	08/17/2011
YYYY/MM/DD	2011/08/17

To configure the date and time manually:

5. Press OK to enter the main menu.
6. Select -> **Date & Time**.
7. Edit the current values in the **Date** and **Time** fields.
8. Press the **Save** soft key to accept the change.

   The date and time that display on the LCD screen will change accordingly.

To configure the time format:

4. Press OK to enter the main menu.
5. Select ->**Display**->**Time Format**.
6. Press ▲ or ▼ to highlight the desired time format, and press the **Change** soft key.

   The radio box of the selected time format is marked. The format of the display time on the LCD screen will be changed accordingly.

To configure the date format:

4. Press OK to enter the main menu.
5. Select ->**Display**->**Date Format**.
6. Press ▲ or ▼ to highlight the desired date format, and press the **Change** soft key.

   The radio box of the selected date format is marked. The format of the display date on the LCD screen will be changed accordingly.

Shortcuts

There are two types of shortcut keys on the handset: changeable and unchangeable shortcut keys. Each shortcut key is assigned a feature by default. For example, long press * to turn on/off the silent mode, long press # to lock/unlock the keypad, press ▼ to access the directory and so on.

The changeable shortcut keys are the two soft keys and four navigation keys. The available features that can be assigned to each key may be a little different.

You can assign the frequently used features to the changeable shortcut keys of your handset as shortcuts. This helps you get quick access to a feature by directly pressing the corresponding shortcut key when the handset is idle without having to scroll through the menu.

To configure a shortcut:

7. Press OK to enter the main menu.
8. Select ->**Shortcut**.

   The LCD screen displays the changeable shortcut keys and the features currently assigned to them.
9. Press ▼ or ▲ to highlight the desired shortcut key.
10. Press the **Change** soft key to access the available features.

    The feature currently assigned to the selected key is highlighted and followed by a left arrow.
11. Press ▲ or ▼ to highlight the desired feature.
12. Press the **OK** soft key to accept the change or the **Back** soft key to cancel.

Contact Management

This section provides the operating instructions for managing contacts. The topics include:

- Local Directory
- Blacklist
- Remote Phonebook
- Network Directory

Local Directory

You can store the frequently used contacts in the handset's local directory, where names and numbers can be freely added, deleted and edited. This allows you to make calls without having to dial the number manually. You can store up to 100 contacts, each with a name, a mobile number and an office number. You can also dial a contact from the local directory.

The directory entries are usually sorted in alphabetical order by the name attribute. Spaces and digits take first priority. The sort order is as follows:

4. Space
5. Digits (0-9)
6. Letters (alphabetical)

Other special characters are sorted completely in accordance with the ASCII sort order.

Using Alphanumeric Keys

You can edit the names and numbers of the contacts stored in the local directory using the keypad. The digit keys 0-1 are devoid of any letters. But the digit keys 2-9 are all alphanumeric keys containing one digit and three or four letters in alphabetical order. The following describes how to use the alphanumeric keys in detail.

To configure the input methods:

The handset provides you with 8 different input methods. You can disable the infrequently used input methods. Then you can only switch among the enabled input methods when editing.

5. Press OK to enter the main menu.
6. Select ->**Display**->**Input Method**.

   The LCD screen displays all available input methods.
7. Press ▲ or ▼ to highlight the desired input method.
8. Press the **Change** soft key to check or uncheck the checkbox.

To enter a character:

You can press the key which contains your desired character a certain number of times to enter the character.

To switch the input method:

2. Press # a.

   The current input method is indicated on the top right-hand corner of the LCD screen. For example, "ABC" represents the upper-case input method, "abc" represents the lower-case input method and "123" represents the digital input method.

To make a space:

2. Press 0 + when the input method is not "123".

To move the cursor:

2. Press ◂ or ▸ to move the cursor.

To delete a wrong input character:

3. Place the cursor behind the wrong input character.
4. Press the **Del** soft key to delete the character.

Adding Contacts

You can add contacts to your local directory manually or from the call history. You can also add contacts to your local directory from the remote phonebook or the network directory, for more information, refer to Remote Phonebook on page 33 and Network Directory on page 34.

To add a contact to the local directory manually:

6. Press OK to enter the main menu.
7. Select .
8. Press the **Options** soft key, and select **New Contact**.
9. Enter the desired values in the **Name**, **Office** and **Mobile** fields.
10. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

To add a contact to the local directory from the call history:

8. Press the **History** soft key when the handset is idle.
9. Press ▲ or ▼ to highlight the desired call history list, and press the **OK** key.
10. Press ▲ or ▼ to highlight the desired entry.
11. Press the **Options** soft key, and select **Add To Local**->**New Entry**.
12. Press ▲ or ▼ to set the number to be the office number or the mobile number of the new entry, and press the **OK** soft key.

13. Enter the name of the new entry.
14. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Note

When you are adding a contact, both the office number and the mobile number cannot be left blank at the same time. When the contact name is left blank, the handset sets the office number or the mobile number as the contact name.

If the information of the contact you want to add is totally same with that of an existing entry in the local directory, the screen will prompt "Contact save failed.".

Editing Contacts

To edit a contact in the local directory:

7. Press OK to enter the main menu.
8. Select .
9. Press ▲ or ▼ to highlight the desired entry.
10. Press the **Options** soft key, and select **Edit**.
11. Edit the values in the **Name**, **Office** and **Mobile** fields.
12. Press the **Save** soft key to accept the change.

Deleting Contacts

You can delete a contact or all contacts from the local directory.

To delete a contact:

5. Press OK to enter the main menu.
6. Select .
7. Press ▲ or ▼ to highlight the desired entry.
8. Press the **Options** soft key, and select **Delete**.

   The selected entry will be deleted successfully.

To delete all contacts:

5. Press OK to enter the main menu.
6. Select .
7. Press the **Options** soft key, and select **Delete All**.

   The LCD screen prompts the warning "Delete All?".
8. Press the **Yes** soft key to delete all contacts or the **No** soft key to cancel.

Searching for Contacts

You can search for the contacts by simply typing a few continuous characters of the desired contact name or number, and the results of potential matches are dynamically

filtered and display on the LCD screen.

To search for contacts in the local directory:

4. Press OK to enter the main menu.
5. Select .
6. Enter a few continuous characters of the desired contact name or number using the keypad.

   The contacts whose name or number matches the search will appear on the LCD screen after a timeout or when the **Search** soft key is pressed. You can dial a contact from the result list.

Placing a Call from Local Directory

To place a call from the local directory:

5. Press OK to enter the main menu.
6. Select .
7. Press ▲ or ▼ to highlight the desired entry.
8. Do one of the following:
   - If only one number of the contact is stored in the local directory, press to dial out the number.
   - If both the office number and the mobile number of the contact are stored in the local directory, press the **View** soft key to display the two numbers.

     Press ▲ or ▼ to highlight the desired number.

     Press to dial out.

Blacklist

You can store up to 30 numbers in the handset's blacklist. You can add, edit or delete numbers in the blacklist. You can also dial a call from the blacklist, but an incoming call from a number in the blacklist will be rejected automatically.

To add an entry to the blacklist manually:

7. Press OK to enter the main menu.
8. Press ->**Telephony**->**Caller Blacklist**.
9. Press the **Options** soft key, and select **New Entry**.
10. Enter the desired number in the **Phone Number** field.
11. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

You can also add an entry to the blacklist from the call history. For more information, refer to Call History Management on page 35.

To delete an entry from the blacklist:

5. Press OK to enter the main menu.
6. Select ->**Telephony**->**Caller Blacklist**.
7. Press ▲ or ▼ to highlight the desired entry.
8. Press the **Options** soft key, and select **Delete**.

   The selected entry will be deleted successfully.

To delete all entries from the blacklist:

5. Press OK to enter the main menu.
6. Select ->**Telephony**->**Caller Blacklist**.
7. Press the **Options** soft key, and select **Delete All**.

   The LCD screen prompts the warning "Delete All?".
8. Press the **Yes** soft key to delete all entries or the **No** soft key to cancel.

To place a call from the blacklist:

5. Press OK to enter the main menu.
6. Select ->**Telephony**->**Caller Blacklist**.
7. Press ▲ or ▼ to highlight the desired entry.
8. Press to dial out.

Remote Phonebook

You can access your corporate directory on your handset. You can add local contacts from the corporate directory. You can also dial a contact from the corporate directory. Contact your system administrator for the access URL of the corporate directory.

To configure access URL for the corporate directory via web user interface:

5. Click on **Contacts**->**Remote Phone Book**.
6. Enter the name in the **Name** field.
7. Enter the access URL in the **Phone Book URL** field.
8. Click **Confirm** to accept the change.

To access your corporate directory:

4. Press OK to enter the main menu.
5. Select .
6. Press ▲ or ▼ to highlight the name of your corporate directory, and press the **Enter** soft key.

   The handset connects to load the corporate directory, and then displays the corporate contact list on the LCD screen.

To place a call from the corporate directory:

6. Press OK to enter the main menu.
7. Select .
8. Press or to highlight the name of your corporate directory, and press the **Enter** soft key.
9. Select the desired contact from the corporate directory.
10. Do one of the following:
    - If only one number of the contact is stored in the local directory, press to dial out the number.
    - If both the office number and the mobile number of the contact are stored in the local directory, press the **View** soft key to display the two numbers.

      Press or to highlight the desired number.

      Press to dial out.

To add a contact to the local directory from the corporate directory:

7. Press OK to enter the main menu.
8. Select .
9. Press or to highlight the name of your corporate directory, and press the **Enter** soft key.
10. Select the desired contact from the corporate directory.
11. Press the **Options** soft key, and select **Add to Local**->**New Entry**.
12. Press the **Save** soft key to add the contact to the local directory.

Network Directory

You can access the network directory on your handset. You can add local contacts from the network directory. You can also dial a contact from the network directory.

Contact your system administrator for the XSI server address, XSI username and XSI password for accessing the network directory.

To configure the network directory via web user interface:

5. Click on **Contacts**->**Network Directories**.
6. Enter the valid values in the **XSI Server**, **XSI Username** and **XSI Password** fields.
7. Select the desired values from the pull-down lists of **Group**, **GroupCommon**, **Enterprise** and **EnterpriseCommon**.
8. Click **Confirm** to accept the change.

To access the network directory:

4. Press OK to enter the main menu.
5. Select ->**Network Dir**.
6. Press or to highlight the desired group, and press the **Enter** soft key.

The handset connects to load the network directory, and then displays the desired network contact list on the LCD screen.

To place a call from the network directory:

5. Press OK to enter the main menu.
6. Select -> **Network Dir**.
7. Press or to highlight the desired group, and press the **Enter** soft key.

   The LCD screen displays the desired network contact list.
8. Press or to highlight the desired entry.
12. Do one of the following:
    - If only one number of the contact is stored in the network directory, press to dial out the number.
    - If multiple numbers of the contact are stored in the network directory, press the **View** soft key to display all the numbers.

      Press or to highlight the desired number.

      Press to dial out.

To add a contact to the local directory from the network directory:

7. Press OK to enter the main menu.
8. Select -> **Network Dir**.
9. Press or to highlight the desired group, and press the **Enter** soft key.

   The LCD screen displays the desired network contact list.
10. Press or to highlight the desired entry.
11. Press the **Options** soft key, and select **Add to Local**->**New Entry**.
12. Press the **Save** soft key to add the contact to the local directory.

Call History Management

The call history contains call information such as calling/called party identification, time and date, and call duration. The handset maintains call history lists of All Calls, Outgoing Calls, Missed Calls and Accepted Calls. Each call history list can store a list of entries sorted by date and time of the call, starting with the latest call entry. You can check the detail information of an entry in the call history. You can also dial a call, add an entry to the blacklist or delete entries from the call history.

To check the local call history:

4. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.
5. Press or to highlight the desired list, and press the **OK** soft key.

The LCD screen displays all entries of the selected list.

6. Press ▲ or ▼ to highlight the desired entry, and press the **View** soft key.

   The LCD screen displays the detail information of the entry.

To add an entry to the blacklist from the call history:

You can block phone calls from a number by adding this number to the blacklist. For more information on blacklist, refer to Blacklist on page 32.

6. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

7. Press ▲ or ▼ to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

8. Press ▲ or ▼ to highlight the desired entry.

9. Press the **Options** soft key, and select **Add To Blacklist**.

   The LCD screen prompts the warning "Are you sure?".

10. Press the **Yes** soft key to add the selected entry to the blacklist or the **No** soft key to cancel.

To delete an entry from the call history:

5. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

6. Press ▲ or ▼ to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

7. Press ▲ or ▼ to highlight the desired entry.

8. Press the **Options** soft key, and select **Delete**.

   The selected entry is deleted successfully.

To delete all entries of a list from the call history:

5. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

6. Press ▲ or ▼ to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

7. Press the **Options** soft key, and select **Delete All**.

   The LCD screen prompts the warning "Delete All?".

8. Press the **Yes** soft key to delete all entries of the selected list or the **No** soft key to cancel.

To place a call from the call history:

5. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 call history lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

6. Press [▲] or [▼] to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

7. Press [▲] or [▼] to highlight the desired entry.

8. Press [✆].

Network Call Log

You can access the network call log on the handset. The network call log contains call information such as calling/called party identification, time and date. You can check the call log and dial a call from the call log list. The network call log allows users to view and dial the stored numbers in the following lists: All Calls, Outgoing Calls, Missed Calls and Accepted Calls.

To manage the entries of the network call log, you should enable the network call log feature in advance.

To enable the network call log feature via web user interface:

4. Click on **Contacts**->**Network Directories**.

5. Select **Enabled** from the pull-down list of **Network CallLog**.

   The LCD screen displays the network call log lists when you press the **History** soft key.

   If **Disabled** is selected, the LCD screen displays the local call history lists when you press the **History** soft key.

6. Click **Confirm** to accept the change.

To check the network call log:

4. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 network call log lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

5. Press [▲] or [▼] to highlight the desired list, and press the **OK** soft key.

   The LCD screen displays all entries of the selected list.

6. Press [▲] or [▼] to highlight the desired entry, and press the **View** soft key.

   The LCD screen displays the detail information of the entry.

To place a call from the network call log:

5. Press the **History** soft key when the handset is idle.

   The LCD screen displays 4 network call log lists: **All Calls**, **Outgoing Calls**, **Missed Calls** and **Accepted Calls**.

6. Press [▲] or [▼] to highlight the desired list, and press the **OK** soft key.

The LCD screen displays all entries of the selected list.

7. Press [▲] or [▼] to highlight the desired entry.
8. Press [✆].

Dial Plan

Dial plan is a string of characters that governs the way your handset processes the inputs received from your handset keypad. The handset supports the following dial plan features:

- Replace Rule
- Area Code
- Block Out

The basic expression syntax you need to know:

.	The dot "." can be used as a placeholder or multiple placeholders for any character. Example: "12." would match "12**3**", "12**34**", "12**345**", "12**abc**", etc.
x	An "x" can be used as a placeholder for any character. Example: "12x" would match "12**1**", "12**2**", "12**3**", "12**a**", etc.
[]	The square brackets "[]"can be used as a placeholder for a single character which matches any of a set of characters. Example: "91[5-7]1234" would match "91**5**1234", "91**6**1234", "91**7**1234", etc.
()	The parentheses "( )"can be used to group together patterns, for instance, to logically combine two or more patterns. Example: "91([5-7])1(x)" would match "91**5**1**1**", "91**6**1**8**", "91**7**1**5**", etc.
$	The "$" should be followed by the sequence number of a parenthesis. The "$" plus the sequence number means the whole character or characters placed in the parenthesis. The number directs to the right parenthesis when there are more than one. Example: A replace rule configuration: Number: "9([5-7]) (.)", Replace: "5$2". When you enter "96123" to dial out on your phone, the number will be replaced as "5123" and then dialed out. "$2" means the characters in the second parenthesis, that is, "123".

Note

When adding a dial plan rule, you can specify the accounts to apply the dial plan rule in the **Account** field. The valid value of the "Account" parameter can be one or more digits among 1, 2, 3, 4 and 5, each of which represents a line ID. Each digit must be separated by a comma. For example, when you enter the value "1, 2" in the **Account** field, this dial plan rule will apply to account1 and account2.

If you leave the **Account** field blank or enter an invalid value, then the dial plan rule will apply to all accounts.

Replace Rule

You can configure one or more replace rules to remove the specified string and replace it with another string. You can configure a pattern with wildcards (refer to the expression syntax in the table above), so that any string that matches the pattern will be replaced. This feature is convenient for you to dial out a long number. For example, a replace rule is configured as "Number: 1" and "Replace: 1234567", when you want to dial out the number "1234567", you just need to enter "1".

To add a replace rule via web user interface:

6. Click on **Phone**->**Dial Plan**->**Replace Rule**.
7. Enter the string (e.g. 2xx) in the **Number** field.
8. Enter the string (e.g. 12345) in the **Replace** field.
9. Enter the desired line ID in the **Account** field or leave it blank.
10. Click **Add** to add the replace rule.

    When you enter the number "234" using the keypad and then dial out, the handset will dial out "12345" instead.

To edit a replace rule via web user interface:

6. Click on **Phone**->**Dial Plan**->**Replace Rule**.
7. Select the desired replace rule by checking the check box.
8. Edit the values in the **Number** and **Replace** fields.
9. Enter the desired line ID in the **Account** field or leave it blank.
10. Click **Edit** to accept the change.

To delete one or more replace rules via web user interface:

4. Click on **Phone**->**Dial Plan**->**Replace Rule**.
5. Select the one or more replace rules by checking the check box(es).
6. Click **Delete** to delete the replace rule(s).

Area Code

Area codes are also known as Numbering Plan Areas (NPAs). They usually indicate geographical areas in a country. This feature is necessary only when dialing the number outside the code area. For example, area code is configured as "Code: 011, Minimum Length: 4, Maximum Length: 11", then when you dial out the number "56789", which has digits between 4 and 11, the phone will add the area code and dial out the number "01156789".

To configure the area code via web user interface:

5. Click on **Phone**->**Dial Plan**->**Area Code**.
6. Enter the desired values in the **Code**, **Minimum Length (1-15)** and **Maximum Length (1-15)** fields.
7. Enter the desired line ID in the **Account** field or leave it blank.
8. Click **Confirm** to accept the change.

Note The default values of minimum and maximum length are 1 and 15 respectively.

Block Out

You can block the dialing of specific numbers. When you dial a block out number on the handset, the dialing will fail and the LCD screen will prompt "Num Block".

To add a block out number via web user interface:

5. Click on **Phone**->**Dial Plan**->**Block Out**.
6. Enter the desired value in the **BlockOut Number** field.
7. Enter the desired line ID in the **Account** field or leave it blank.
8. Click **Confirm** to add the block out number.

Emergency Numbers

Public telephone networks in countries around the world have a single emergency telephone number (emergency services number), that allows a caller to contact local emergency services for assistance when required. The emergency telephone number may differ from country to country. It is typically a three-digit number so that it can be easily remembered and dialed quickly. Some countries have different emergency numbers for different emergency services.

You can specify the emergency numbers for contacting the emergency services in an emergency situation.

Note Contact your local phone service provider for available emergency numbers in your area.

To specify emergency numbers via web user interface:

4. Click on **Phone**->**Features**.
5. Enter the emergency services number in the **Emergency Numbers** field.

   For multiple numbers, enter a comma between each emergency number.
6. Click **Confirm** to accept the change.

Outgoing Lines

After the handset is registered to the base station, you can assign one or more outgoing lines for the handset. The handset can only use the assigned outgoing line(s) to place calls. When multiple outgoing lines are assigned to the handset, the handset uses the first line as the outgoing line by default. You can change the default outgoing line of the handset.

To change the default outgoing line of the handset:

4. Press OK to enter the main menu.
5. Select ->**Telephony**->**Default Line**.

   The LCD screen displays all outgoing lines currently assigned to the handset. The default outgoing line is highlighted and followed by a left arrow.
6. Press ▲ or ▼ to highlight the desired line, and press the **OK** soft key.

   The default outgoing line is changed successfully.

Incoming Lines

After the handset is registered to the base station, you can assign one or more incoming lines for the handset. The handset can only receive incoming calls to the assigned incoming line(s). You can assign incoming lines to all handsets registered to the same base station on your handset.

To assign the incoming line to the handsets:

10. Press OK to enter the main menu.
11. Select ->**Telephony**->**Incoming Lines**.
12. Enter the system PIN (default: 0000).
13. Press the **Done** soft key.

    The LCD screen displays all handsets registered to the base station. The handset itself is highlighted and followed by a left arrow.
14. Press ▲ or ▼ to highlight the desired handset, and press the **OK** soft key.
15. Press ◄ or ► to select **Accept** from the desired line fields.
16. Press the **Save** soft key to accept the change.
17. Press the **Back** soft key to return to the previous interface.
18. Repeat the step 5-7 to assign incoming lines for other handsets.

    If a line is assigned to multiple handsets as an incoming line, an incoming call to this line will cause these handsets to ring simultaneously, but the incoming call can be answered only by one of them.

Speed Dial

Speed dial allows you to perform single-digit dialing to predefined numbers. This feature is particular useful to users who dial certain numbers on regular basis. A maximum of 8 speed dial numbers are allowed.

Assigning a Speed Dial Number

You can assign the important numbers of your directory (including local directory, remote phonebook and network directory) to the speed dial keys of your handset. This helps you dial a contact quickly and easily by long pressing the speed dial key without having to enter the directory. The available speed dial keys are the digit keys 2-9.

To assign a speed dial number from the directory:

7. Press OK to enter the main menu.
8. Select ->**Telephony**->**Speed Dial**.

   The LCD screen displays all available speed dial keys.
9. Press ▲ or ▼ to highlight the desired speed dial key, and press the **Assign** soft key.
10. Press ▲ or ▼ to highlight the desired directory.
11. Select the desired contact from the directory.
12. Do one of the following:
    - If only one number of the contact is stored in the selected directory, press the **OK** soft key to assign the number to the selected speed dial key.
    - If both the office number and the mobile number of the contact are stored in the selected directory, press the **OK** soft key to display the two numbers.

      Press ▲ or ▼ to highlight the desired number.

      Press the **OK** soft key again to assign the number to the selected speed dial key.

Deleting a Speed Dial Number

To delete a speed dial number:

5. Press OK to enter the main menu.
6. Select ->**Telephony**->**Speed Dial**.

   The LCD screen displays all available speed dial keys.
7. Press ▲ or ▼ to highlight the desired speed dial key, which is already assigned a number.
8. Press ◄ or the **Clear Key** soft key to delete the speed dial number.

Placing a Call Using Speed Dial Key

To place a call using the speed dial key:

2. Long press the speed dial key (digit key) when the handset is idle.

   The number assigned to this speed dial key is dialed out.

Auto Answer

When the auto answer feature is enabled, you can simply answer the incoming calls by lifting the handset from the charger cradle without having to press the off-hook key. The auto answer feature works only if the handset is placed in the charger cradle.

To configure the auto answer feature:

4. Press OK to enter the main menu.
5. Select ->**Telephony**->**Auto Answer**.
6. Press the **Change** soft key to check or uncheck the **Auto Answer** checkbox.

Auto Intercom

Intercom calls are internal calls made between handsets registered to the same base station. You can enable the auto intercom feature on the handset to automatically answer an incoming intercom call. The following three configuration types of the auto intercom feature are available for selection:

- **On (Beep On)**: The auto intercom feature is on. The handset will answer an incoming intercom call automatically after playing a warning tone.
- **On (Beep Off)**: The auto intercom feature is on. The handset will answer an incoming intercom call automatically without playing any tone.
- **Off**: The auto intercom feature is off. You need to answer an incoming intercom call by pressing the **Accept** soft key.

To configure the auto intercom feature:

4. Press OK to enter the main menu.
5. Select ->**Telephony**->**Auto Intercom**.

   The LCD screen displays three configuration types for selection.
6. Press ▲ or ▼ to highlight the desired configuration type, and press the **Change** soft key.

   The radio box of the selected configuration type is marked.

Handset Reset

You can reset any individual settings that you have made on the handset. Resetting your handset will not affect the entries of the directory, the call history, the voice mail and the handset's registration to the base station. But you need to note that other customized settings on the handset will be reset to factory settings after resetting. We recommend that you ask your system administrator for advice before resetting your handset.

To reset the handset:

4. Press OK to enter the main menu.
5. Select ->**System Settings**->**Handset Reset**.

   The LCD screen prompts the warning "Reset handset to default?".
6. Press the **Yes** soft key to reset the handset or the **No** soft key to cancel.

Base Reset

You can reset the base station to factory settings. This will clear all individual settings of the base station, entries of the directory and active SIP registrations. All registered handsets are de-registered. You need to re-register your handset to use. We recommend that you ask your system administrator for advice before resetting your base station.

To reset the handset:

5. Press OK to enter the main menu.
6. Select ->**System Settings**->**Base Reset**.
7. Enter the system PIN (default: 0000).
8. Press the **Done** soft key.

   The base station is reset to factory settings successfully. The power indicator LED on the base station slow flashes when the base station is during the resetting process.

Auto Provision

You can trigger the auto provisioning process using the VoIP wizard. After you enter the username and password in the wizard and confirm to perform an update, the base station tries to connect to the RPS server. If the base station successfully connects to the RPS server, the RPS server responds the base station with the URL for downloading the configuration files. Then the base station tries to perform the auto provisioning process. Contact your system administrator for more information on the username and password for connecting to the RPS server.

To trigger the auto provisioning:

7. Press OK to enter the main menu.
8. Select ->**System Settings**->**Auto Provision**.
9. Enter the system PIN (default: 0000) and press the **Done** soft key.
10. Enter the valid value in the **Username** field and press the **OK** soft key.
11. Enter the valid value in the **Password** field and press the **OK** soft key.

    The LCD screen prompts the warning "Update now?".
12. Press the **Yes** soft key to perform an update or press the **No** soft key to cancel.

Eco Mode+

Eco mode+ turns off the transmission power and the radio waves emitted are virtually zero when the phone is in the standby mode. If the eco mode+ is enabled, the base station only transmits a signal when necessary, for example, when a call comes in, when the phone is in use, or when a connection occurs.

To configure the eco mode+:

6. Press OK to enter the main menu.
7. Select ->**System Settings**->**Eco Mode+**.
8. Press the **Change** soft key to check or uncheck the **Eco Mode+** checkbox.
9. Enter the system PIN (default: 0000) and press the **Done** soft key.

   The LCD screen prompts the warning "Are you sure you want to reboot the base station?".
10. Press the **Yes** soft key to reboot the handset.

    The base station reboots to make the configuration take effect. The configuration applies to all the handsets registered to the same base station.

Eco Mode

Eco mode greatly reduces the transmission power and signal output no matter the phone is in standby mode or talk mode.

Eco mode is disabled by default and the color of the signal strength indicator shown on the top left-hand corner of the idle screen is white.

To configure the eco mode:

4. Press OK to enter the main menu.
5. Select ->**System Settings**->**Eco Mode**.
6. Press the **Change** soft key to check or uncheck the **Eco Mode** checkbox.

If the **Eco Mode** checkbox is checked, the eco mode is enabled. The color of the signal strength indicator on the idle screen will change to green.

Note If the eco mode is enabled, the range of the base station will be reduced.

Call Features

The W52P IP DECT phone is designed to be easily used like a regular phone on a public switched telephone network (PSTN). You can place internal and external calls, answer calls, transfer a call to someone else, or conduct a conference call.

This chapter provides operating instructions of the call features. The topics include:

- Placing Calls
- Answering Calls
- Ending Calls
- Redialing Calls
- Call Mute
- Call Hold/Resume
- Call Waiting
- Do Not Disturb (DND)
- Call Forward
- Call Transfer
- Conference Call
- Anonymous Call
- Anonymous Call Rejection
- Voice Mail

If you require additional information or assistance with your new phone, contact your system administrator.

Placing Calls

You can use your handset to place an internal or external call. You can place a call using the following call modes:

- **Earpiece mode**—pressing the off-hook key to dial out.
- **Speakerphone mode**—pressing the speakerphone key to dial out.
- **Headset mode**—connecting a headset.

During the call, you can switch the call mode by pressing the corresponding keys or connecting a headset.

You can cancel the dialing operation by pressing the on-hook key. During the call

conversation, you can press the left and right navigation keys to adjust the volume of the currently used audio devices (earpiece, headset or loudspeaker). The call duration displays on the LCD screen while the call is in progress.

Placing Internal Calls

You can make free internal calls between the handsets registered to the same base station. You can place an internal call to one handset or all handsets registered to the same base station.

To place an internal call to one handset:

5. Press OK to enter the main menu.
6. Select .

   The LCD screen displays all other registered handset names and the **All HS** option.
7. Press ▲ or ▼ to highlight the desired handset name.
8. Press , , OK or the **OK** soft key to dial out.

To place an internal call to all handsets:

5. Press OK to enter the main menu.
6. Select .

   The LCD screen displays all registered handset names and the **All HS** option.
7. Select **All HS**.
8. Press , , OK or the **OK** soft key to dial out.

   All other handsets registered to this base station will ring simultaneously.

Placing External Calls

You can place external calls on the handset. External calls based on the public telephone network require the use of SIP lines. Your system administrator will assign the SIP line to the handset beforehand, so that after you register the handset to the base station, the handset is ready to use.

To place an external call:

3. Enter the desired number using the keypad.
4. Press , or OK to dial out.

   If there are multiple lines assigned to your handset as outgoing lines, press the **Line** soft key to select the desired line and then press OK or the **Dial** soft key to dial out. If you do not select a line, the handset uses the default outgoing line to dial out.

To place a new call during an active call:

You can have at most two calls on your handset.

4. Press the **Ext.Call** soft key.

   The active call is placed on hold.

5. Enter the desired number in the **Call To** field using the keypad.
6. Press or OK to dial out.

Note You can also make an IP call by directly dialing the IP address of any IP phone. For example, IP: 192.168.1.15.

Answering Calls

You can answer a call in three ways:

- Using the earpiece
- Using the speakerphone
- Using the headset

Note You can ignore an incoming call by pressing the **Silence** soft key or reject an incoming call by pressing the on-hook key.

You can also activate Do Not Disturb mode on a per-line basis to reject all incoming calls of the specified line.

Answering When Not in Another Call

In all cases, the active call will appear on the LCD screen showing call duration and destination.

To answer a call using the earpiece:

2. Press or the **Accept** soft key.

To answer a call using the speakerphone mode:

2. Press .

To answer a call using the headset:

2. With a headset connected, press the **Accept** soft key.

Answering When in Another Call

If you are during an active call, an incoming call arrives on the handset, do the following:

2. Press , or the **Accept** soft key.

   The incoming call is answered and the original call is placed on hold.

Ending Calls

To end a call:

Do one of the following:

- Press .
- Place the handset in the charger cradle.

Redialing Calls

The redial number list stores the twenty last dialed phone numbers. When the memory of the redial number list is full, the handset will automatically erase the oldest dialed number when a new number is dialed. You can redial a call from the redial number list.

To redial the last dialed number:

3. Press when the handset is idle.
4. Press again.

   A call to your last dialed number is attempted.

To redial a previously dialed number:

4. Press when the handset is idle.

   The handset displays the last dialed phone numbers.
5. Press or to highlight the desired entry.

   You can press **Options**->**Edit Before Call** to edit the phone number or select the desired line.
6. Press again.

You can add local contacts from the redial number list. You can also delete an entry or all entries from the redial number list.

Call Mute

You can mute the microphone during an active call. When muting the microphone, you can hear the other party but he or she cannot hear you. For example, if you do not want the other party to listen in while you talk to someone in the room, you can mute the microphone temporarily.

To mute a call:

2. Press during an active call.

   The call is on mute and the icon displays on the LCD screen.

To un-mute a call:

2. Press again.

   The icon disappears from the LCD screen.

Call Hold/Resume

You can place an active call on hold. At any time, at most one active call can be in progress on your handset. Another call can be answered and made while placing the original call on hold.

To place a call on hold:

2. Press the **Options** soft key during a call, and select **Hold**.

   The call is placed on hold and the icon displays on the LCD screen.

To resume a hold call:

Do one of the following:

- Press the **Resume** soft key.
- Press .
- Press .

Two Calls on Hold:

If two calls are placed on hold on the handset, press the **Resume** soft key to resume the current call. Press , or the **Swap** soft key to swap between the two calls.

Note When the call on the handset is on hold, placing the handset in the charger cradle will not end the call.

Call Waiting

You can enable or disable the call waiting feature on the handset. If the call waiting feature is enabled, the handset will notify you of a new incoming call during a call, and present the incoming call information visually on the LCD screen. You can also enable the handset to play a warning tone when receiving a new incoming call during a call. If the call waiting feature is disabled, the new incoming call will be automatically rejected by the handset.

To configure the call waiting feature:

6. Press OK to enter the main menu.
7. Select ->**Call Waiting**.
8. Press or to select the desired value from the **Status** field.

9. Press or to select the desired value from the **Tone** field.
10. Press the **Save** soft key to accept the change or the **Back** soft key to cancel.

Note The call waiting tone works only if the call waiting feature is enabled.

To answer a new incoming call during a call:

If call waiting feature is enabled, a new incoming call can be answered during a call.

2. Press the **Accept** soft key to answer the new incoming call.

   The original call is placed on hold.

Do Not Disturb (DND)

You can activate or deactivate the DND mode on a per-line basis. If DND mode is activated for a specific line, all incoming calls to the line will be rejected automatically, and the callers will hear a busy signal.

To activate DND mode for a specific line:

6. Press OK to enter the main menu.
7. Select ->**Do Not Disturb**.

   The LCD screen displays the incoming lines currently assigned to the handset.
8. Press or to highlight the desired line, and press the **OK** soft key.
9. Press or to select **Enabled** from the **Status** field.
10. Press the **OK** soft key to accept the change.

The icon on the idle screen indicates the DND mode is activated. You can press the **Line** soft key when the handset is idle to check the line status. The icon in the bottom of a line indicates that the DND mode is activated for this line.

The handset will reject all incoming calls to the line, and the LCD screen displays the missed call icon followed by the number of missed calls.

Call Forward

You can enable the call forward feature on a per-line basis. The handset will forward incoming calls to the line to another party. There are three forwarding types:

- **Always Forward**: Incoming calls are immediately forwarded.
- **Busy Forward**: Incoming calls are immediately forwarded if the line is busy.
- **No Answer Forward**: Incoming calls are forwarded if not answered after a period of time.

To enable the call forward feature for a specific line:

9. Press OK to enter the main menu.
10. Select ->**Call Forward**.

    The LCD screen displays the incoming lines currently assigned to the handset.
11. Press ▲ or ▼ to highlight the desired line, and press the **OK** soft key.
12. Press ▲ or ▼ to highlight the desired forwarding type, and press the **OK** soft key.
13. Press ◄ or ► to select **Enabled** from the **Status** field.
14. Enter the destination number you want to forward incoming calls to in the **Target** field.
15. Press ◄ or ► to select the desired ring time to wait before forwarding from the **After Ring Time** field (only available for No Answer Forward).
16. Press the **Save** soft key to accept the change.

The icon on the idle screen indicates the call forward feature is enabled.

If Always Forward is selected, there is no prompt on the LCD screen when the line receives an incoming call. The incoming call is logged in the Accepted Calls list.

Note Call forward feature may be overridden by the server settings. For more information, contact your system administrator.

Call Transfer

You can transfer a call to another party in one of the following ways:

- **Blind Transfer**: Transfer a call directly to another party without consulting.
- **Semi-Attended Transfer**: Transfer a call when receiving the ring-back.
- **Attended Transfer**: Transfer a call with prior consulting.

To perform a blind transfer:

3. Press the **Options** soft key during a call, and select **Blind Transfer**.
4. Do one of the following:
   - Enter the number or select the handset you want to transfer the call to.

     Press R, OK or the **Transfer** soft key.
   - Press the **Directory** soft key, and select the desired contact.

     Press the **Call** soft key.

     If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key.

   The call is connected to the number or handset you specified, and the LCD screen prompts the message "Call Transferred".

To perform a semi-attended transfer:

4. Press the **Options** soft key during a call, and select **Transfer**.
5. Do one of the following:
   - Enter the number or select the handset you want to transfer the call to.

     Press OK or the **Transfer** soft key to dial out.
   - Press the **Directory** soft key, and select the desired contact.

     Press the **Call** soft key.

     If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key to dial out.
6. Press R or the **Transfer** soft key to complete the transfer when receiving the ring-back.

   The LCD screen prompts the message "Call Transferred".

To perform an attended transfer:

4. Press the **Options** soft key during a call, and select **Transfer**.
5. Do one of the following:
   - Enter the number or select the handset you want to transfer the call to.

     Press OK or the **Transfer** soft key to dial out.
   - Press the **Directory** soft key, and select the desired contact.

     Press the **Call** soft key.

     If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key to dial out.
6. Press the **Transfer** soft key to complete the transfer after the party answers the call.

   The LCD screen prompts the message "Call Transferred".

Conference Call

You can use the handset to create a local conference with other parties. The handset supports up to 3 parties (including yourself) in a conference call. You can create a conference between an active call and a held call on the handset (on the same line or different lines).

To set up a local conference call:

6. Place a call to the first party.
7. Press the **Options** soft key, and select **Conference**.
8. Do one of the following:
   - Enter the number of the second party or select the handset you want to add to the conference.

     Press OK or the **Conf.** soft key to dial out.

- Press the **Directory** soft key, and select the desired contact.

  Press the **Call** soft key.

  If both the office number and the mobile number of the contact are stored, select the desired number and press OK or the **OK** soft key to dial out.

9. When the second party answers the call, you can consult with him or her before adding to the conference.
10. Press the **Conf.** soft key again to join all parties in the conference.

To join two calls in a conference:

4. Place two calls on the handset.
5. Select the desired call and make sure the call is active.
6. Press the **Options** soft key, and select **Conference**.

   Two calls are joined in the conference.

To drop the conference call, press or the **End** soft key.

Anonymous Call

You can use anonymous call feature to block the identity and phone number from showing up to the called party when you call someone. For example, you want to call to consult some service, but you do not want to be harassed. You can configure the anonymous call feature on a per-line basis.

Note The anonymous call feature is not available on all servers. Contact your system administrator for more information.

To enable the anonymous call feature for a specific line:

6. Press OK to enter the main menu.
7. Select ->**Anonymous Call**.

   The LCD screen displays the outgoing lines currently assigned to the handset. The default outgoing line is highlighted and followed by a left arrow.
8. Press or to highlight the desired line, and press the **OK** soft key.
9. Press or to select **Enabled** from the **Status** field.
10. Press the **OK** soft key to accept the change.

To place an anonymous call:

2. Using the specific line on the handset to place a call.

   The LCD screen of the phone receiving this call prompts an incoming call from anonymity.

Anonymous Call Rejection

You can use anonymous call rejection feature to reject incoming calls from anonymous callers. Anonymous call rejection automatically rejects incoming calls from callers who deliberately block their identities and numbers from showing up. You can configure the anonymous call rejection feature on a per-line basis.

To enable the anonymous call rejection feature for a specific line:

6. Press OK to enter the main menu.
7. Select ->**Anon.Call Rejection**.

   The LCD screen displays the incoming lines currently assigned to the handset.
8. Press ▲ or ▼ to highlight the desired line, and press the **OK** soft key.
9. Press ◄ or ► to select **Enabled** from the **Status** field.
10. Press the **OK** soft key to accept the change.

Voice Mail

You can leave voice mails to someone else. You can also receive and listen to the voice mails. The voice mail feature ensures that you will never miss any important messages. When receiving a new voic ail, the icon appears on the LCD screen with the number of unread voice mails and the message key LED flashes red.

Note The voice mail feature is not available on all servers. Contact your system administrator for more information.

To leave a voice mail:

You can leave a voice mail to someone else when he or she is busy or inconvenient to answer the call. Follow the voice prompts from the system server to leave a voice mail, and then hang up after completing.

To configure the voice mail access code:

7. Press OK to enter the main menu.
8. Select ->**Set Voice Mail**.

   The LCD screen displays the lines assigned to the handset as incoming lines and outgoing lines simultaneously, and the number of voice mails of each line.
9. Press ▲ or ▼ to highlight the desired line, and press the **Select** soft key.
10. Press ◄ or ► to select **Enabled** from the **Status** field.
11. Enter the voice mail access code in the **Number** field.
12. Press the **OK** soft key to accept the change or the **Back** soft key to cancel.

To configure fast access for voice mail:

You can configure fast access to connect straight to the voice mails of the desired line by long pressing the digit key 1, when the handset is idle without having to scroll through the menu.

4. Press OK to enter the main menu.
5. Select ->**Set Key 1**.

   The LCD screen displays the lines assigned to the handset as incoming lines and outgoing lines simultaneously, and the number of voice mails of each line.
6. Press ▲ or ▼ to highlight the desired line and press the **Select** soft key.

   The radio box of the selected line is marked.

To listen to the voice mail using the menu:

5. Press the **OK** key to enter the main menu.
6. Select ->**Play Message**.

   The LCD screen displays the lines assigned to the handset as incoming lines and outgoing lines simultaneously, and the number of voice mails of each line.
7. Press ▲ or ▼ to highlight the desired line, and press the **Select** soft key.

   The handset dials out the voice mail access code using the selected line automatically.
8. Listen to the voice mail following the voice prompts from the system server.

To listen to the voice mail via fast access:

3. Long press 1 when the handset is idle.

   The handset automatically dials out the voice mail access code using the line you selected when configuring fast access for voice mail.
4. Listen to the voice mail of this line following the voice prompts from the system server.

You can also listen to the voice mail by pressing ✉ to enter into the Message & Call interface. Select the desired line and press the **Select** soft key.

Note

Before listening to the voice mails, make sure the voice mail access code has been configured.

When all new voice mails are retrieved, the icon disappears from the screen.

Troubleshooting

This chapter provides some general troubleshooting information to help you solve the problems you might encounter when using your W52P IP DECT phone.

If you require additional information or assistance with your new phone, contact your system administrator.

Why doesn't the handset ring?

- Ensure the ringer volume of your handset is not adjusted to the minimum. Refer to Adjusting Ringer Volume on page 17.
- Make sure the silent mode is not switched on. Refer to Switching Silent Mode On/Off on page 18.

Why can't I receive calls?

- Ensure the DND mode is not activated. Refer to Do Not Disturb (DND) on page 52.
- Ensure the Always Forward feature is not enabled. Refer to Call Forward on page 52.

Why does the handset prompt the message "Not Subscribed"?

Check the registration status of your handset. If your handset is not registered to the base station, register it manually. Refer to Handset Registration on page 13.

Why does the handset prompt the message "Not in range"?

- Ensure the base station is properly plugged into a functional AC outlet.
- Ensure the handset is not too far from the base station.

Why does the handset prompt the message "No LAN Connection"?

- Ensure the Ethernet cable is plugged into the Internet port on the base station and the Ethernet cable is not loose.
- Ensure the switch or hub in your network is operational.

Why does paging fail?

Check the current mode of the base station. If the base station is not on the paging mode, press the paging key on the base station to cast the base station into the paging mode.

Why can't I turn the handset on?

Ensure the batteries are inserted into the handset. If the batteries are already inserted into the handset, place the handset into the charger cradle.

Why do I hear some noise during a call?

- Ensure you are not using the handset or base station in an area with high electrical interference. You can reposition the handset and the base station to keep them far away from sources of high electrical interference
- Ensure the handset is not too far from the base station.
- Turn off the handset. Restart the base station, turn on the handset and place a call to see if there is still noise heard during the call.

Appendix

Firmware Upgrading

You can upgrade your base station or handset to the latest firmware version. The latest firmware version not only improves the performance of the base station or handset, but also provides more features compared to the previous versions.

Upgrading the Base Station

You can upgrade the base station firmware via auto provisioning or via the web user interface. This section provides you with the instruction of upgrading the base station via the web user interface. For more information on upgrading the base station via auto provisioning, refer to the document WELL W52P Auto Provisioning User Guide.

To upgrade the base station firmware, contact your system administrator for the latest firmware file, and store it on your local system.

To upgrade the base station firmware via web user interface:

4. Click on **Phone**->**Upgrade**.
5. In the **Select and Upgrade Firmware** field, locate the firmware file from your local system.
6. Click **Upgrade** to upgrade the firmware of the base station.

   The upgrading process will take a few minutes. The power indicator LED on the base station slow flashes when the base station is during the firmware upgrading process.

Once the base station firmware has been successfully upgraded, the base station reboots automatically. The handset will perform an auto registration to the base station.

You can check the firmware version of the base station using the handset. For more information, refer to Checking System Status on page 15.

Note Do not refresh or close the browser during the upgrading process of the base station.

Upgrading the Handset via USB Port

You can upgrade your handset firmware via the USB port located underneath the battery cover. USB ports allow standalone electronic devices to be connected via cables to a computer.

To upgrade the handset firmware, contact your system administrator for the latest firmware file and the firmware upgrading tool (W52P-HS-Flasher.exe), and store them on your local system.

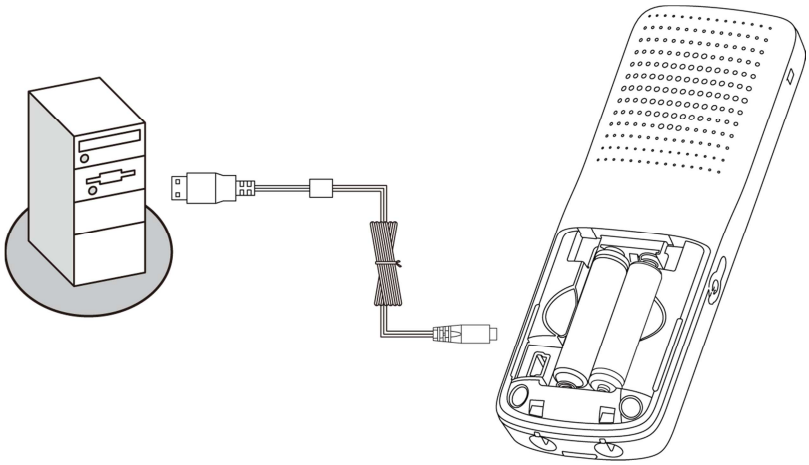
To connect the handset to the PC using the USB cable:

Before upgrading the handset, you need to connect the handset to the computer.

4. Open the battery cover of the handset.

   A USB mini port is located underneath the battery cover.

5. Connect the USB cable to the computer.
6. Connect the other end of the USB cable to the USB port on the handset.



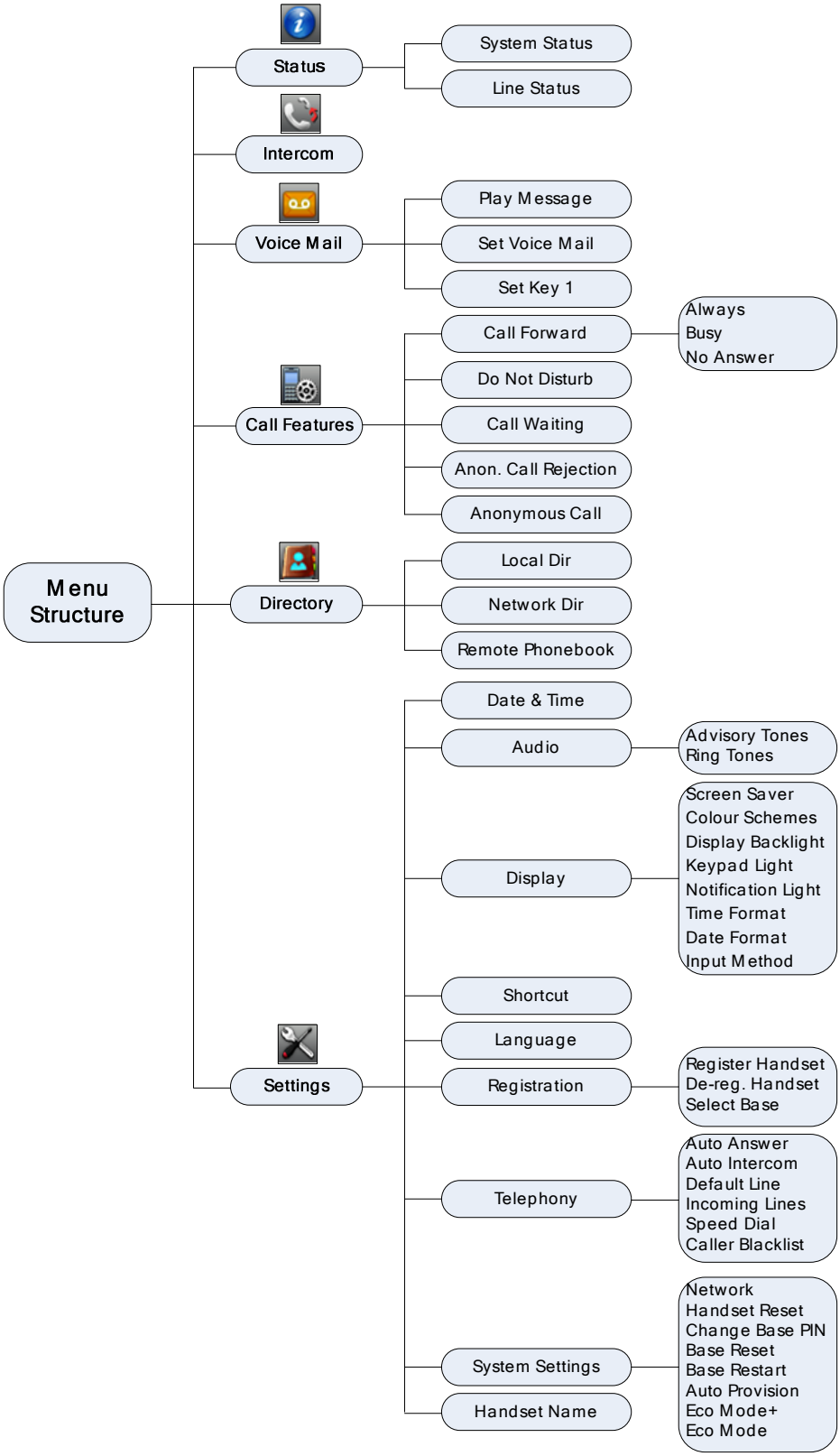
To upgrade the handset firmware:

4. Double click the W52P-HS-Flasher.exe application.
5. Click the **Browse** button to locate the latest firmware file from your local system.
6. Click the **Upgrade** button.

   The handset is turned off. The status of the upgrading process is indicated on the interface of the firmware upgrading tool. The upgrading process will take a few minutes.

Once the handset firmware has been successfully upgraded, the handset is turned on automatically, plays a warning tone and performs an auto registration to the base station. You can check the firmware version of the handset. For more information, refer to Checking System Status on page 15.

Menu Structure



Regulatory Notices

Important Safety Information

To reduce risk of fire, severe personal injury and damage to property, read the following safety information carefully before using the product.

⚠ Environmental Requirements

- Place the product on a stable, level and non-slip surface.
- Do not place the product close to heat sources, in direct sunlight or next to any household appliance with strong magnetic field or electromagnetic field, such as a microwave oven or a refrigerator.
- Do not allow the product to come into contact with water, dust and chemicals.
- Protect the product from aggressive liquids and vapors.
- Do not place the product on or near any inflammable or fire-vulnerable object, such as rubber-made materials.
- Do not install the product in rooms with high humidity, for example, in bathrooms, laundry rooms and wet basements.

⚠ Safety Notes During Operation

- Use only spare parts and accessories supplied or authorized by WELL. The operation of non- authorized parts cannot be guaranteed.
- Do not place heavy objects on top of the handset or the base station in case of damage and deformation caused by the heavy load.
- Do not open the handset or the base station by yourself for repair purpose, which could expose you to high votages. Have all repairs carried out by authorized service personel.
- Do not let a child operate the product without guidance.
- Keep the small accessories contained in your product out of reach of small children in case of accidental swallowing.
- Before plugging or unplugging any cable, make sure that your hands are completely dry.
- Do not hold the handset up to your ear when speakphone is on or when the ringer is ringing as the volumn can be very loud, which may be harmful to your hearing.
- During a thunderstorm, stop using the product and disconnect it from the power supply to avoid lightning strike.
- If the product is left unused for a rather long time, disconnect the base station from the power supply and unplug the power adapter.

- When there is smoke emitted from the product, or some abnormal noise or smell, disconnect the product from the power supply, and unplug the power adapter immediately.
- Remove the electrical cord from an outlet by pulling gently on the power adapter, not by pulling the cord.

⚠ Battery Precautions

- Do not immerse the battery into water, which could short-circuit and damage the battery.
- Do not expose the battery to an open flame or leave the battery where it could be subjected to extremly high temperatues, which could cause the battery to explode.
- Do power the handset off before removing the battery.
- Do not try to use the bettery for the power supply of any device other than this handset.
- Do not open or mutilate the battery, released electrolyte is corrosive and may cause damage to the your eyes or skin.
- Use only the rechargeable battery pack delivered with the handset or those rechargeable battery packs expressly recommended by WELL.
- Defective or exhausted batteries should never be disposed of as municipal waste. Return old batteries to the battery supplier, a licensed battery dealer or a designated collection facility.

⚠ Notices of Cleaning

- Before cleaning the base station, stop using it and disconnect it from the power supply.
- Remove the battery before cleaning the handset to reduce risk of electric shock.
- Only clean your product with a piece of slightly moist and anti-static cloth.
- Keep the power plug clean and dry. Using a dirty or wet power plug may lead to electric shock or other perils.

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